

Figure 1. Block Diagram of an Embodiment
of the Invention.

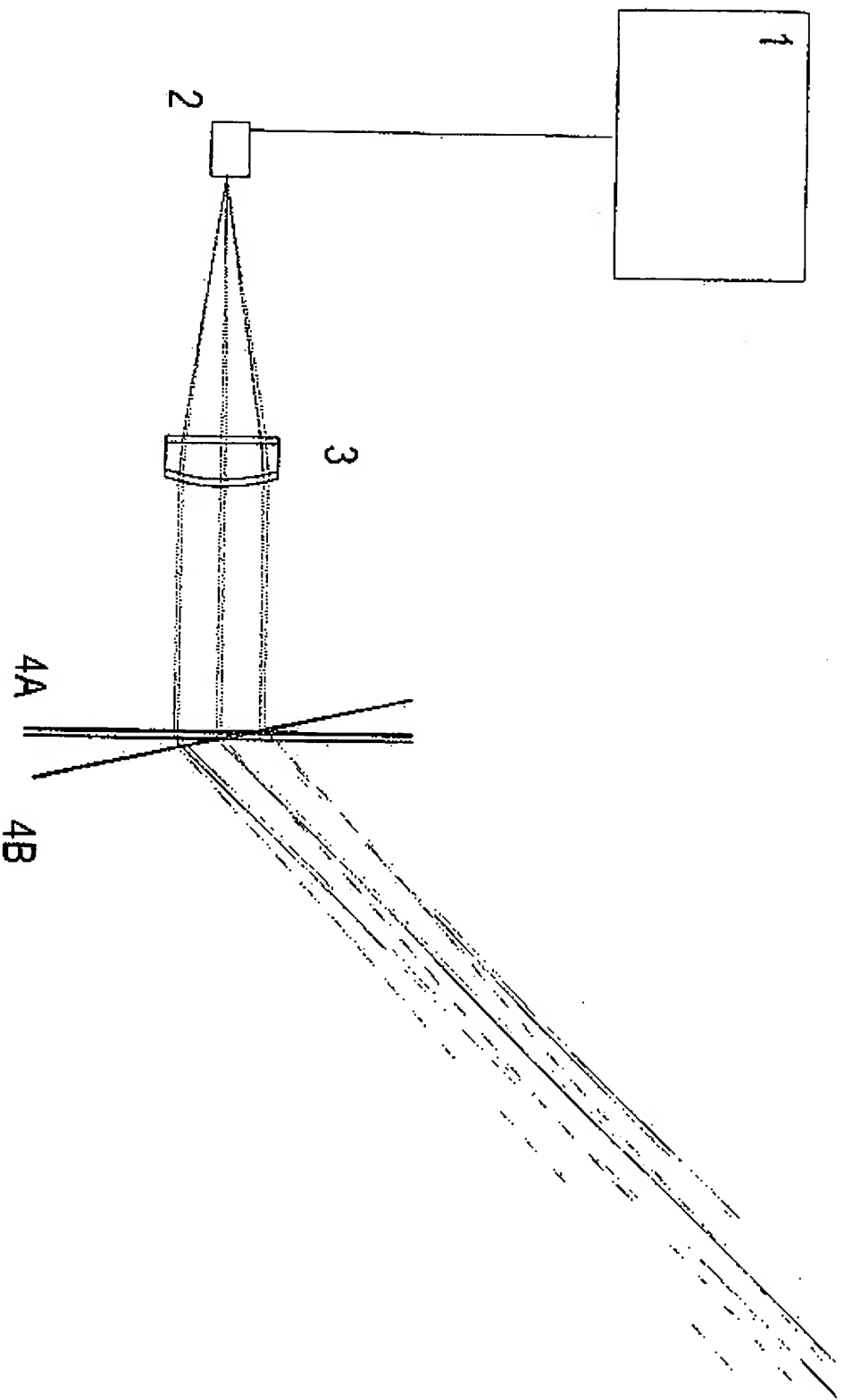


Figure 2. An interference Pattern as Produced by the Embodiment of Figure 1.



Figure 3. An Interference Pattern Produced by the Embodiment of Figure 1 in a Scattering Medium.



Figure 4. A Typical Cell Adhesion Molecule.

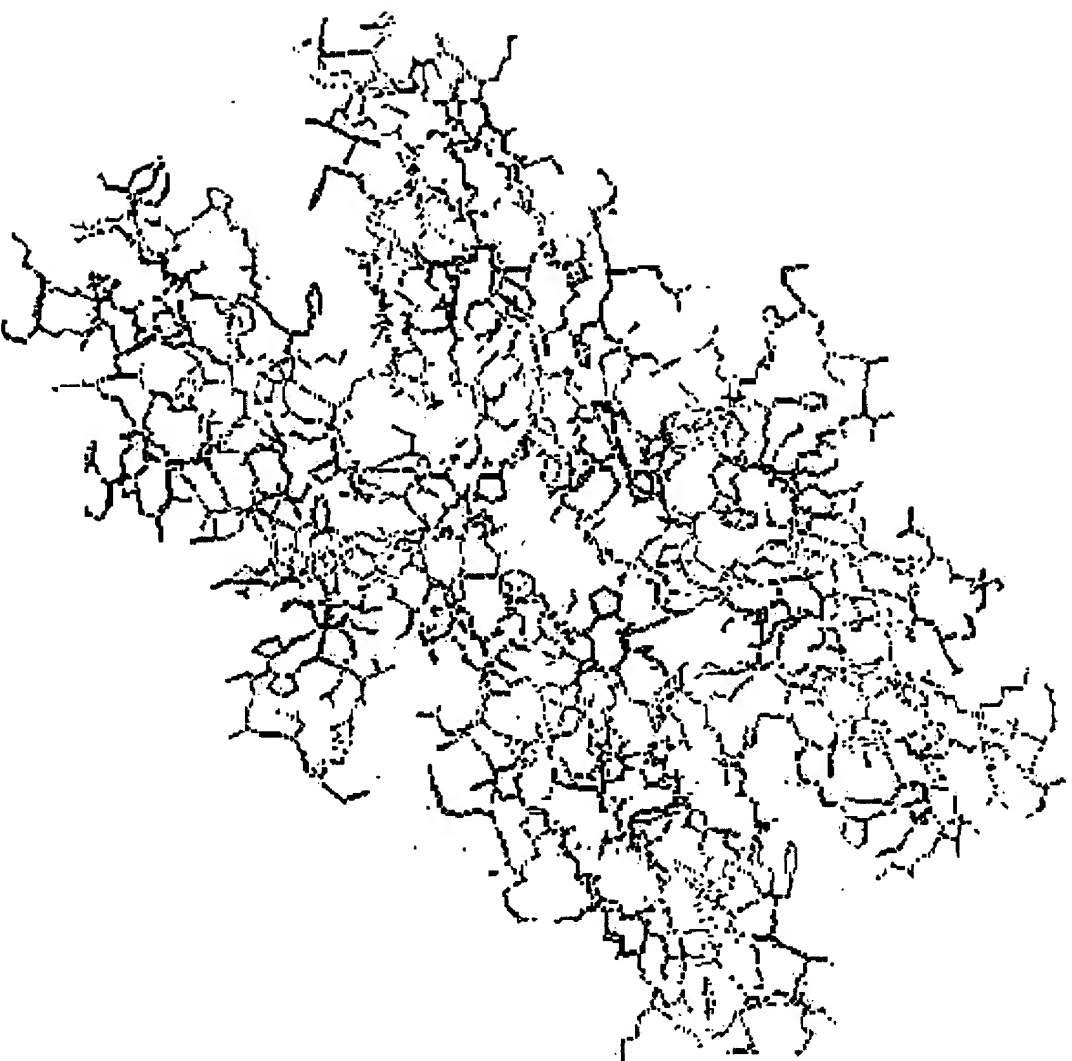


Figure 5. A Typical Cell Adhesion Molecule.

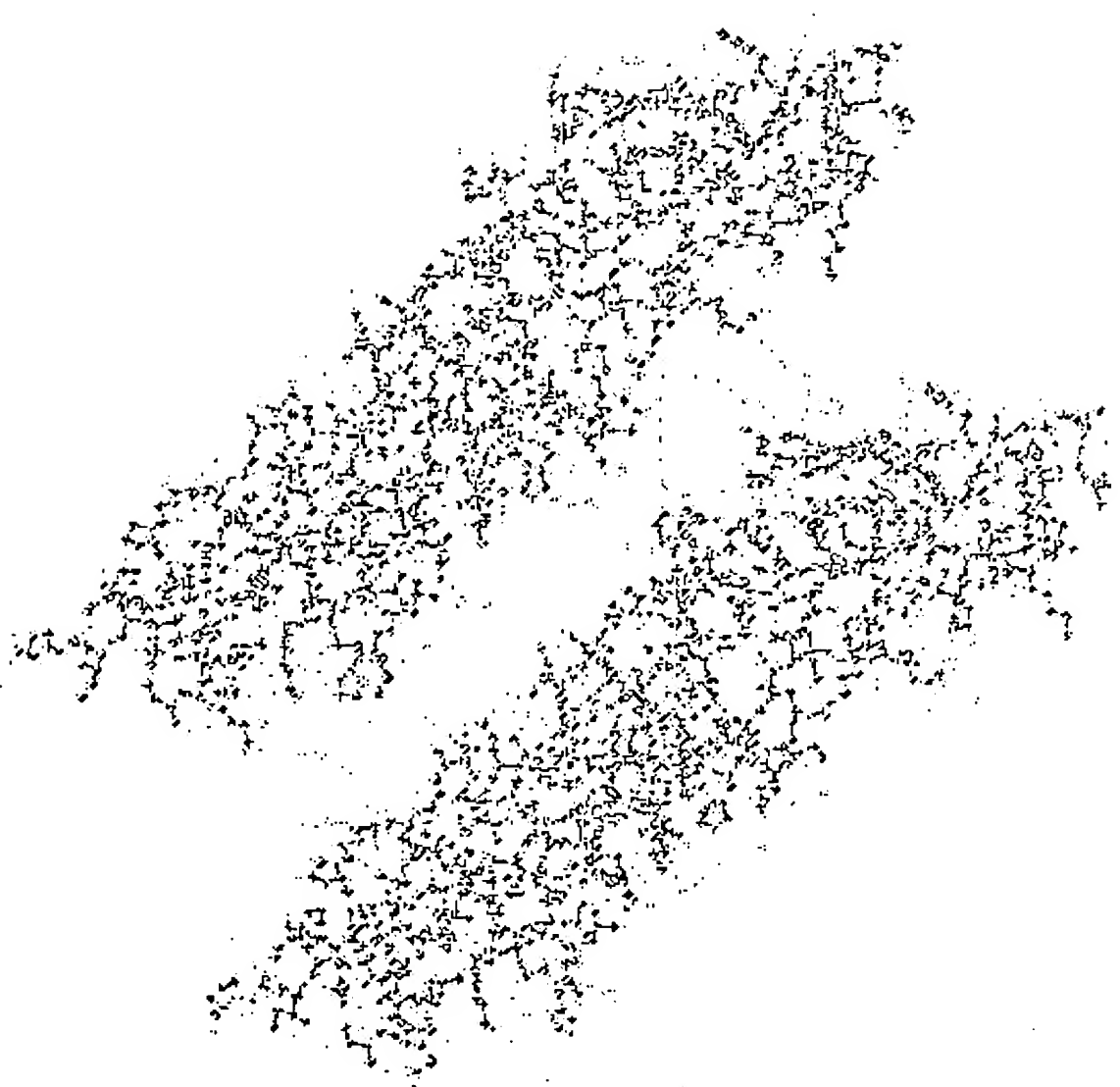


Figure 6. A Human Integrin Molecule With a
Single Substantial High Q Resonance.

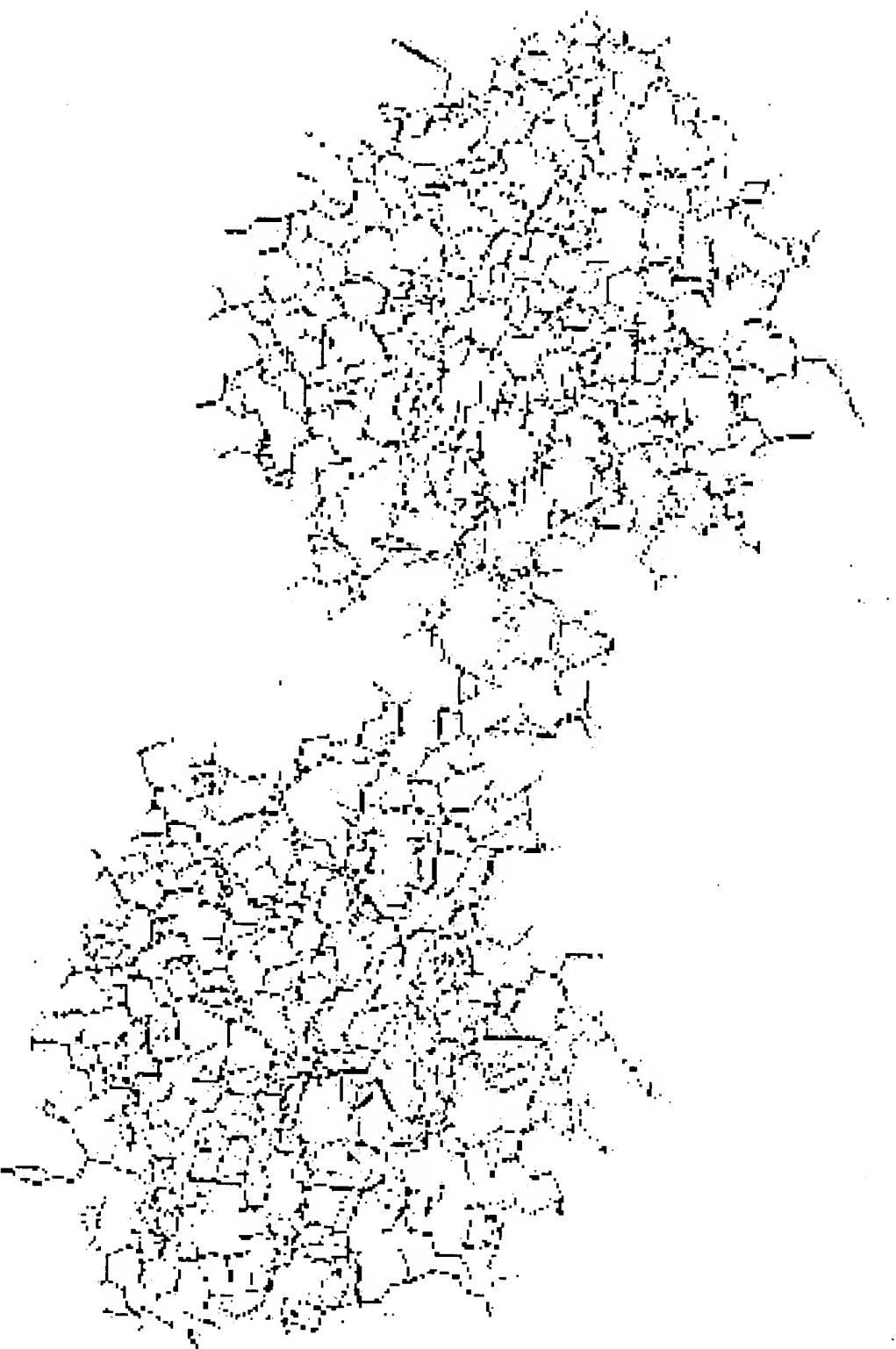


Figure 7. The Zinc Structure of the GAG
Protein in the HIV Virus.

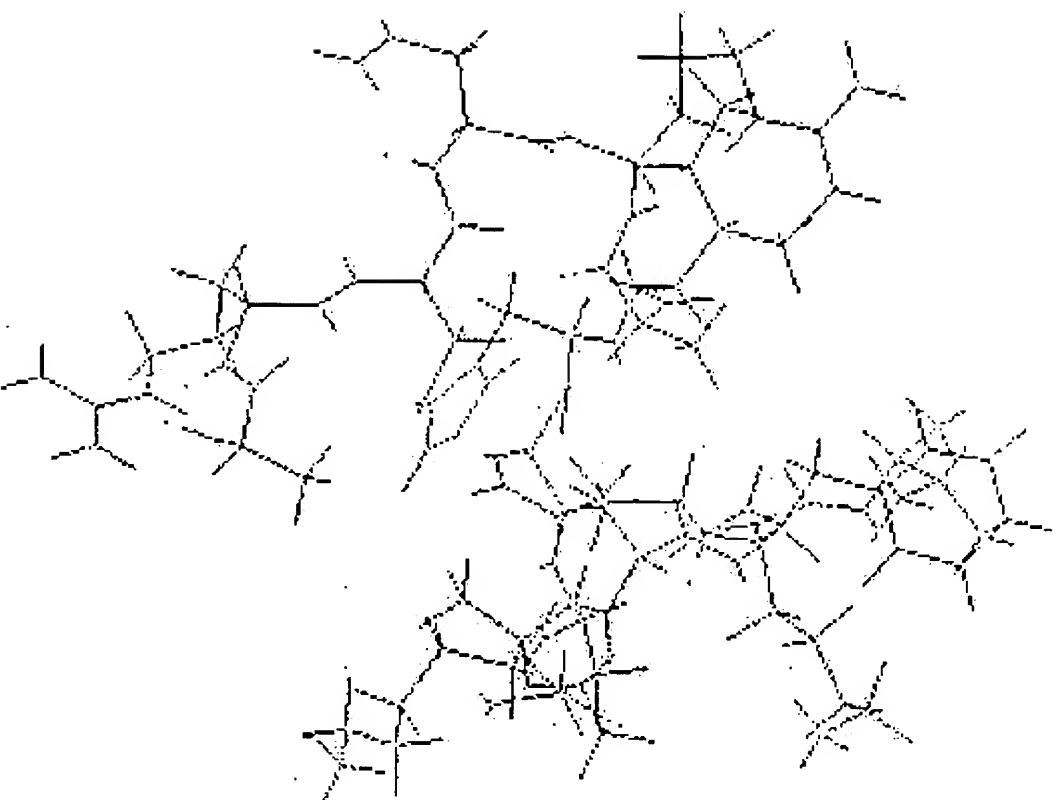


Figure 8. A typical Laser Diode Spectrum.

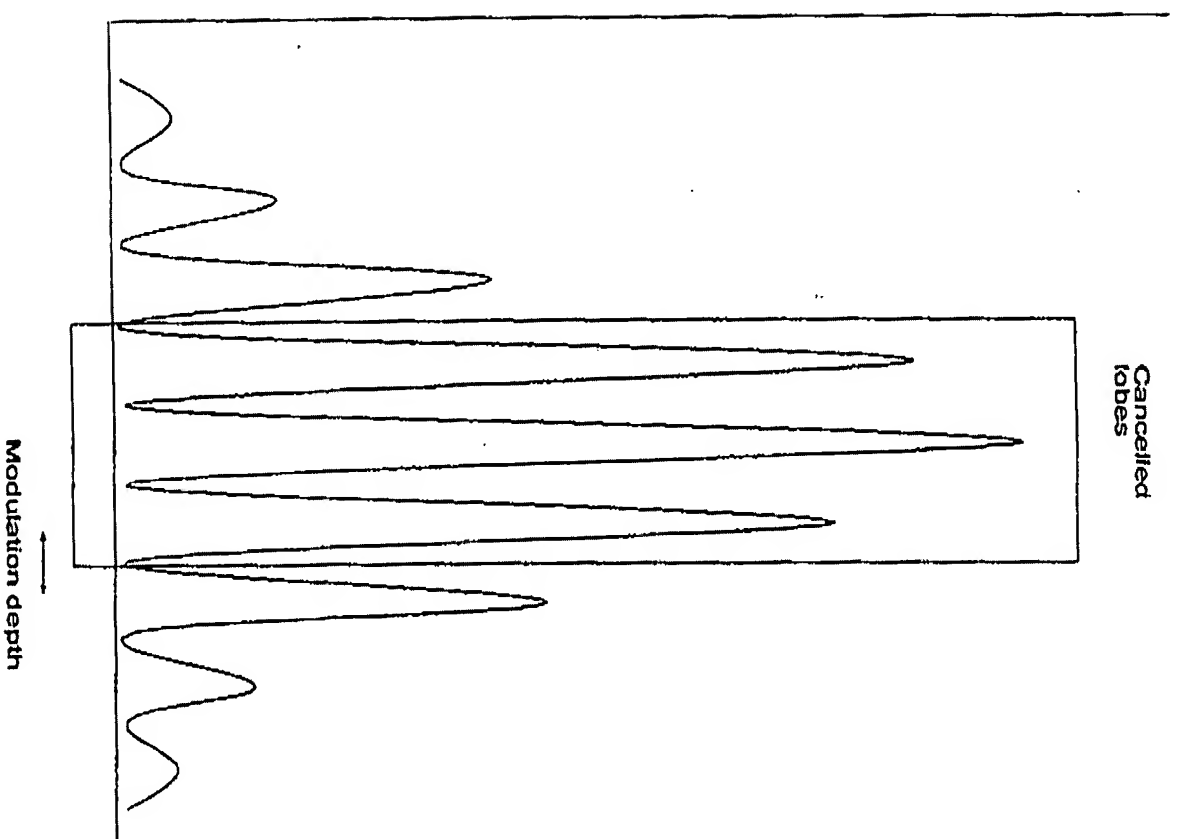


Figure 9A. XRPD Pattern for Control
Simvastatin Sample Sim1A.

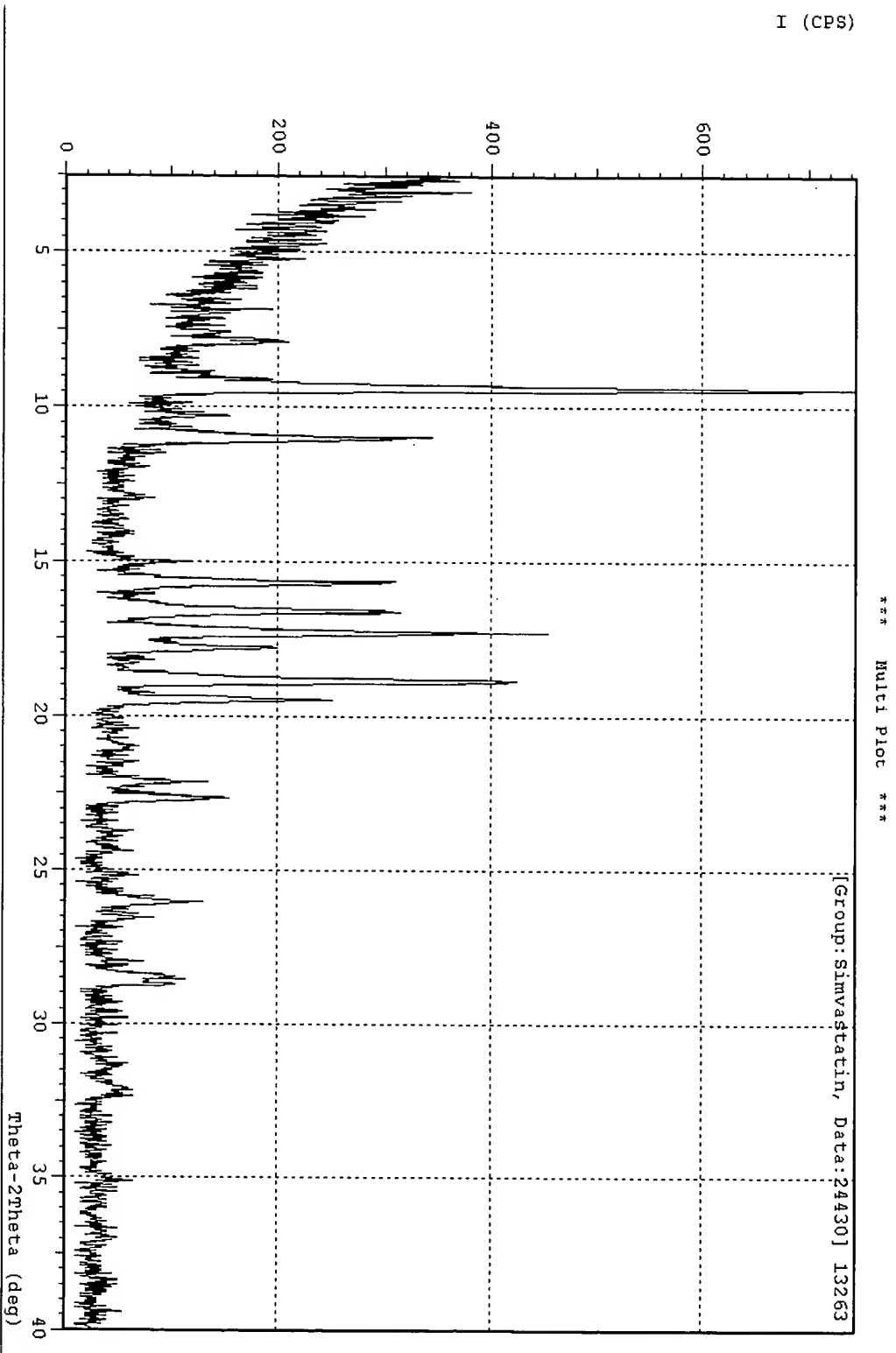


Figure 9B. XRPD Pattern for Laser Treated
Simvastatin Sample Sim1B.

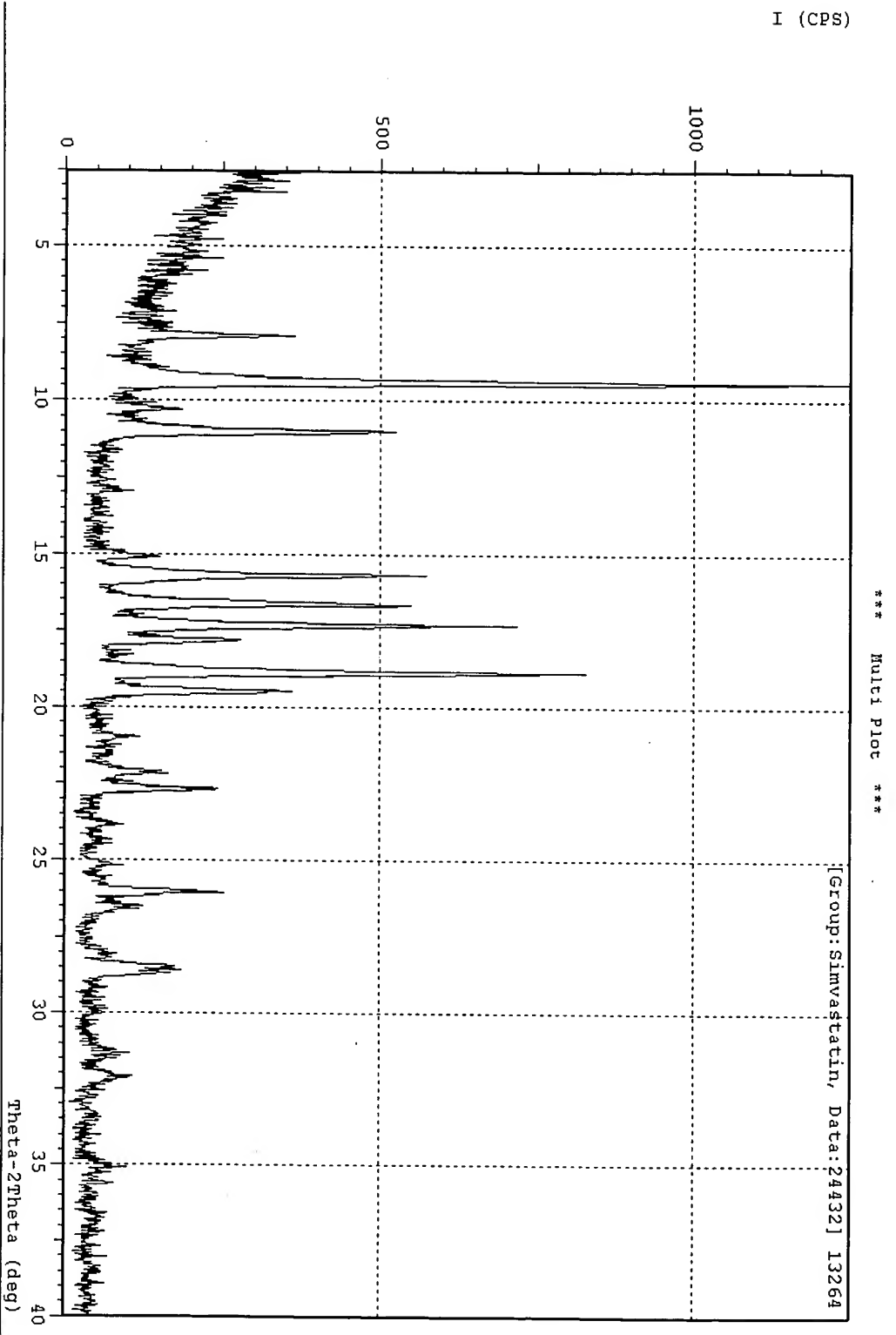


Figure 10A. XRPD Pattern for Laser Treated
Simvastatin Sample Sim2A.

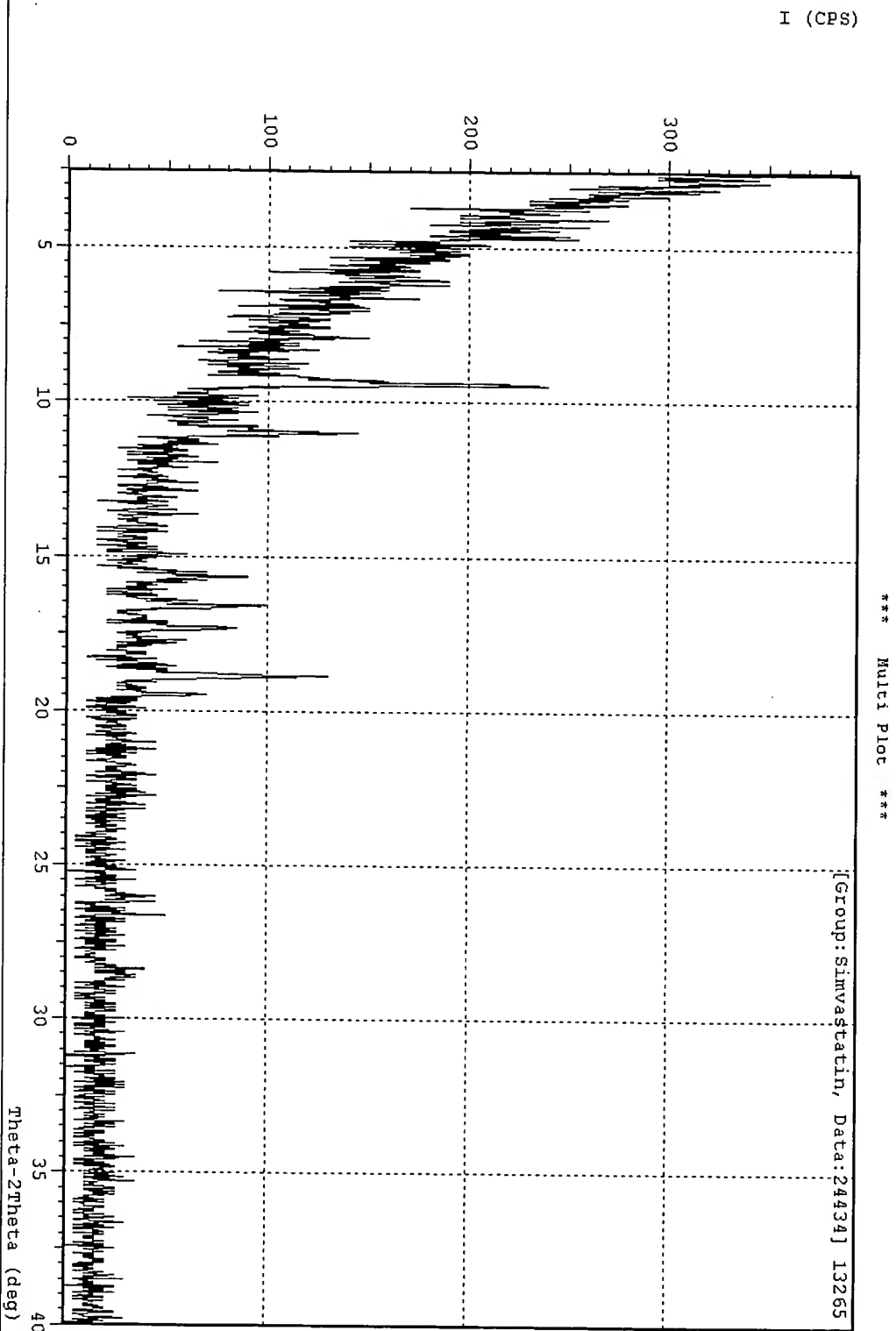


Figure 10B. XRPD Pattern for Laser Treated
Simvastatin Sample Sim2B.

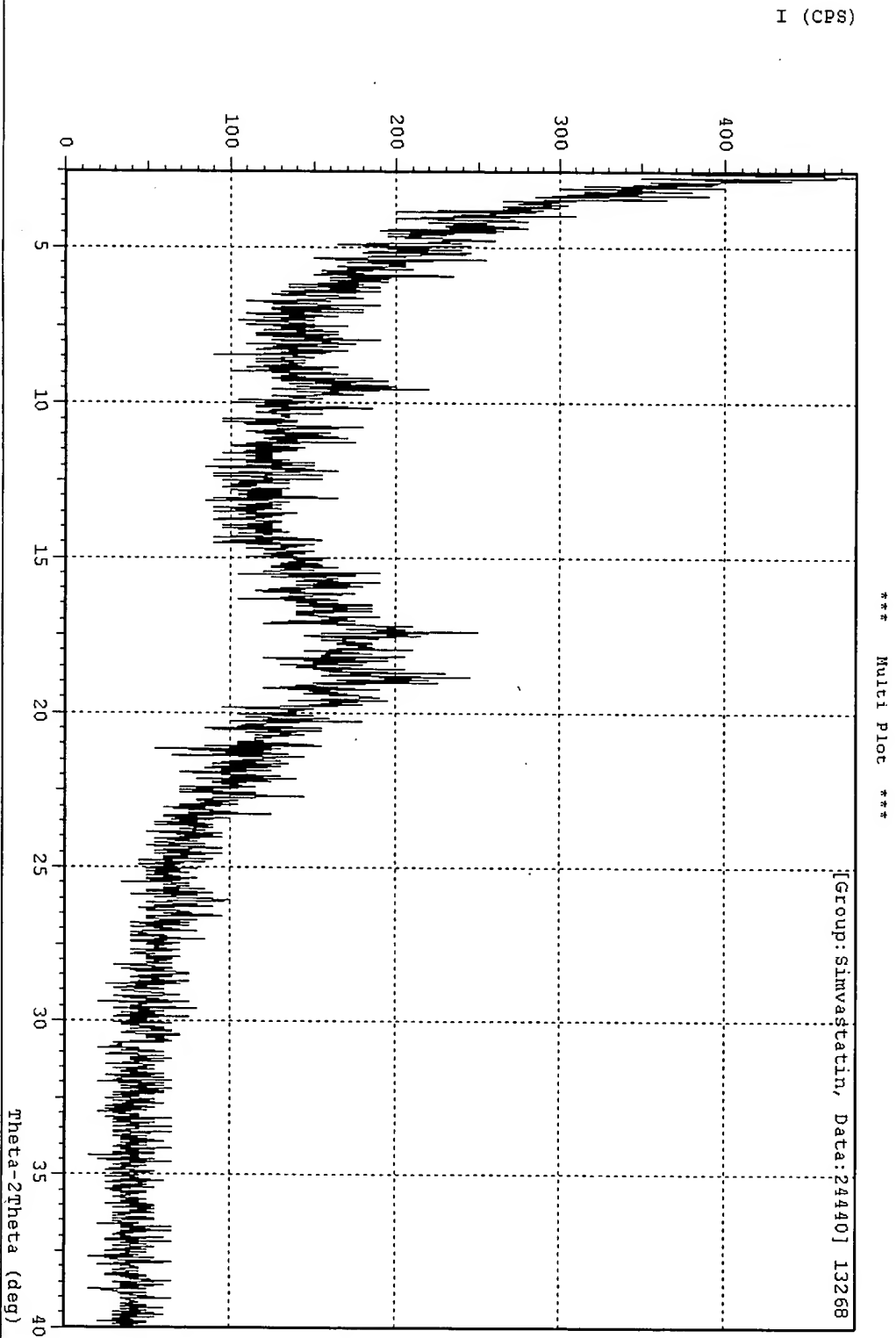


Figure 11A. Frontal and Lateral Photomicrographs of Control Untreated L-arginine Hydrochloride Monohydrate.

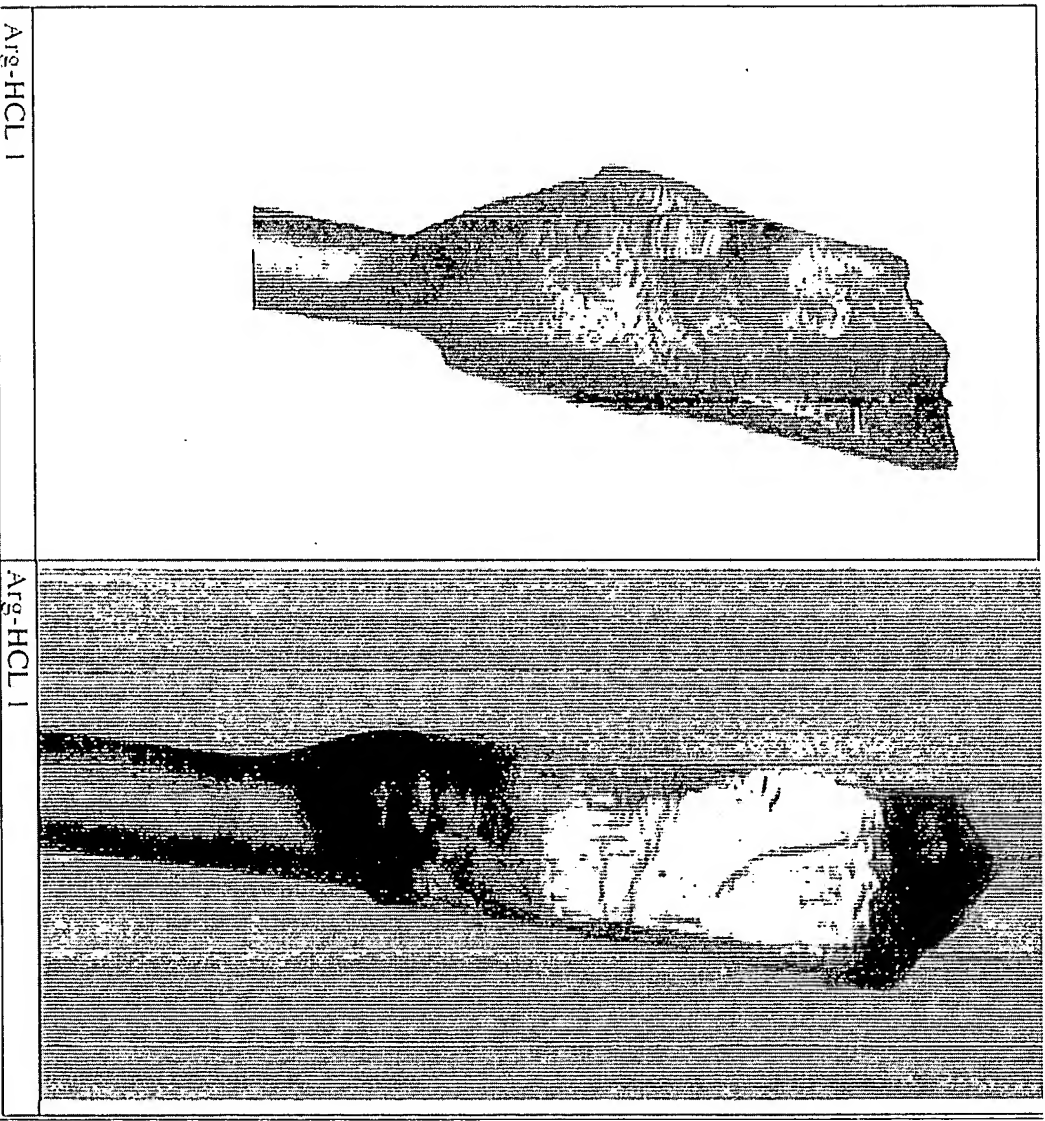


Figure 11B. Frontal and Lateral Photomicrographs of Laser Treated Anhydrous L-arginine Hydrochloride.

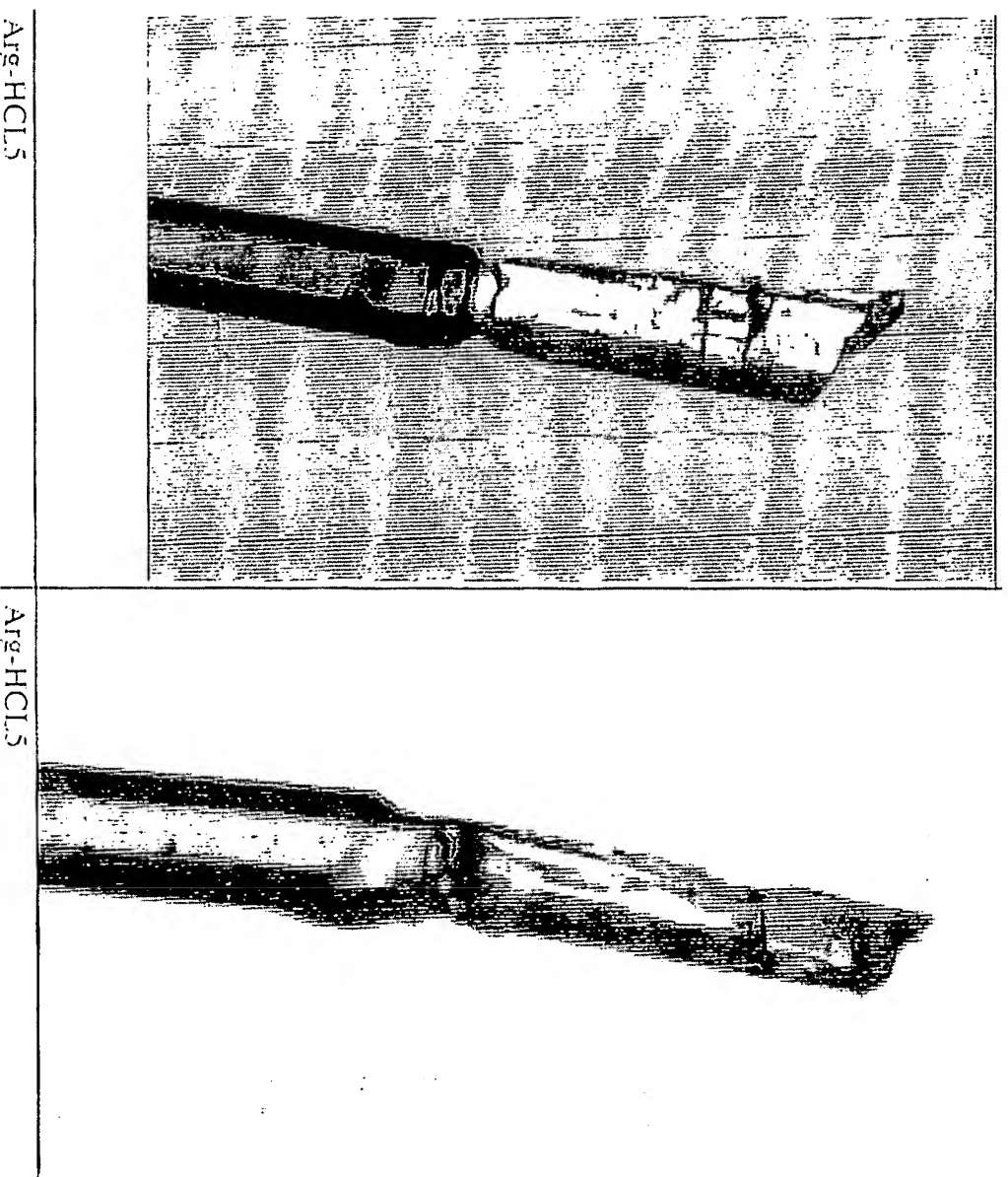


Figure 11C. X-ray Crystallography of Laser
Treated Anhydrous L-arginine Hydrochloride.

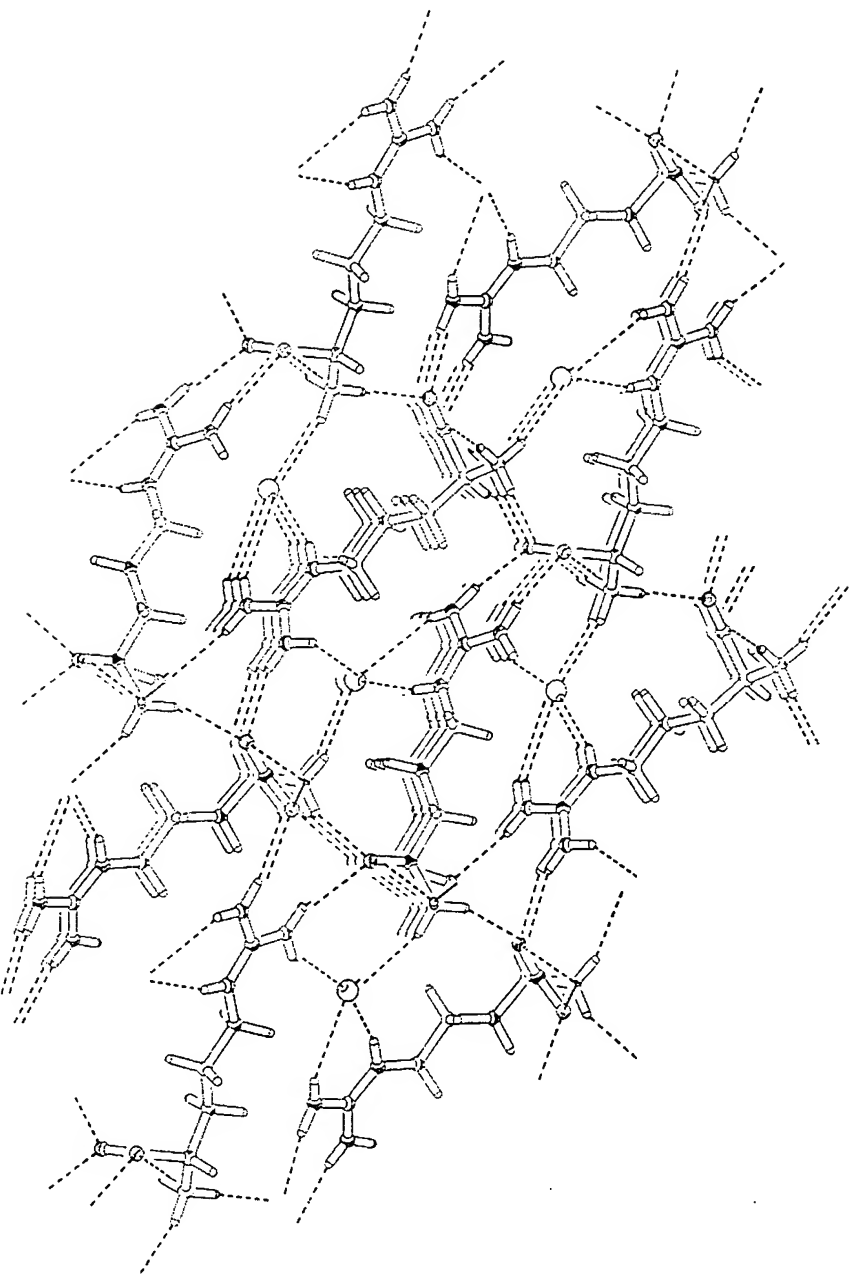


Figure 12A. QEEG Study of Baseline Alpha
Brainwave Coherence

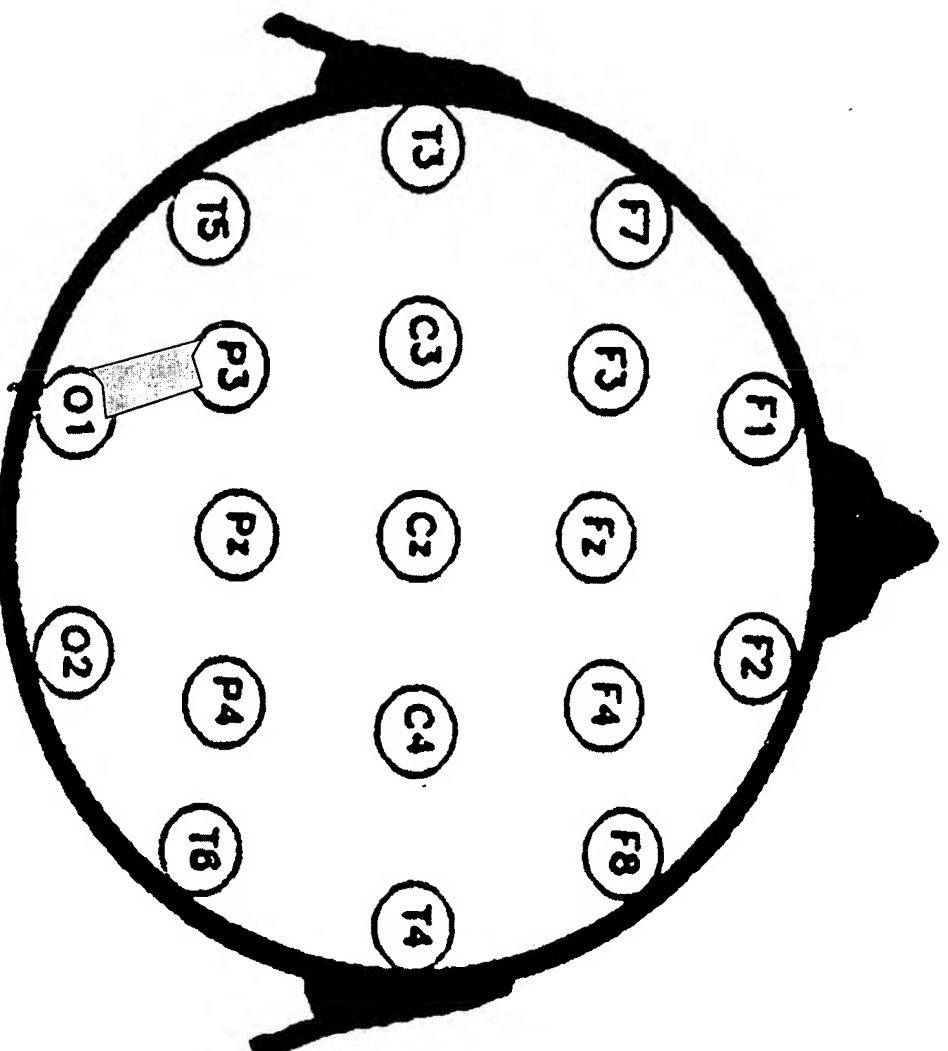


Figure 12B. QEEG of Alpha Brainwave Coherence One Hour after Ingestion of Untreated Amino Acids

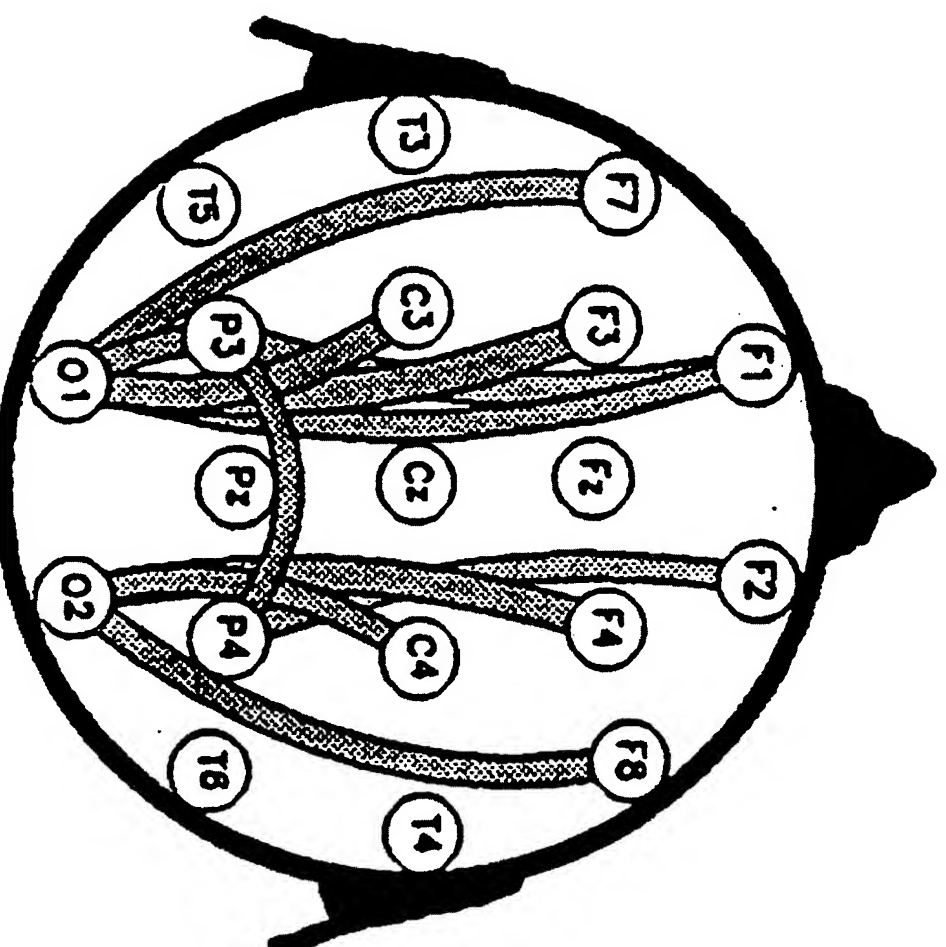


Figure 12C. QEEG of Alpha Brainwave Coherence One Hour after Ingestion of Laser Treated Amino Acids

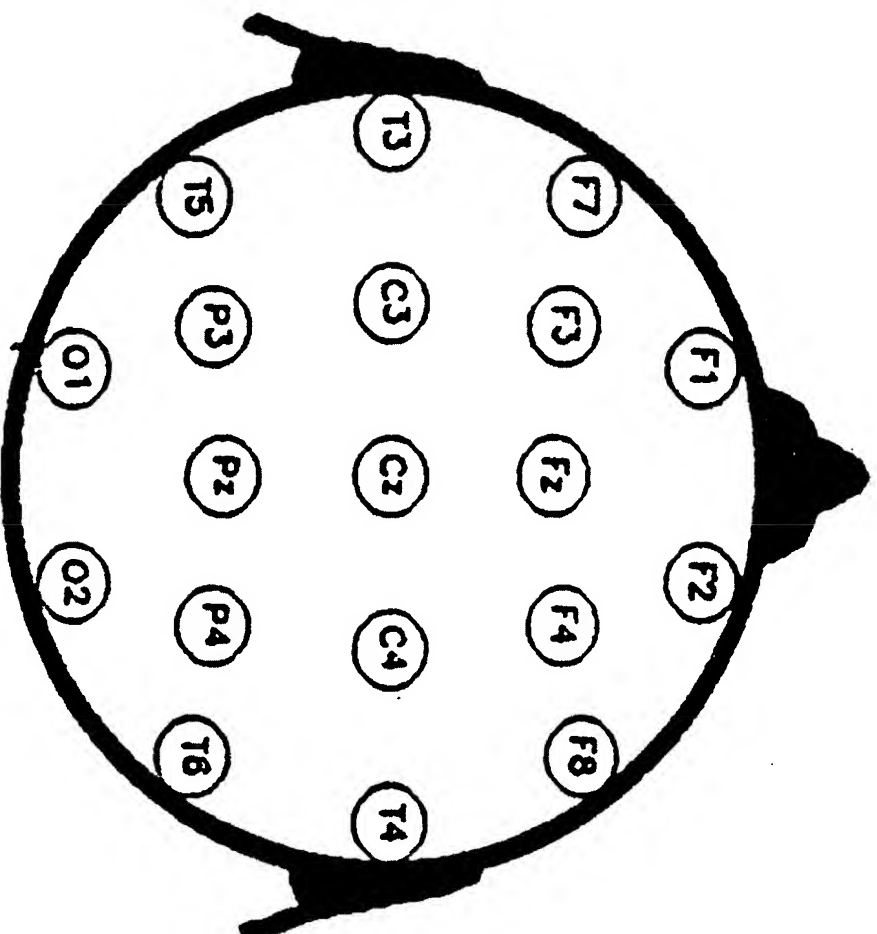


Figure 13A. Lateral Photomicrographs of Control and Laser Treated Crystals of Betaine Hydrochloride.

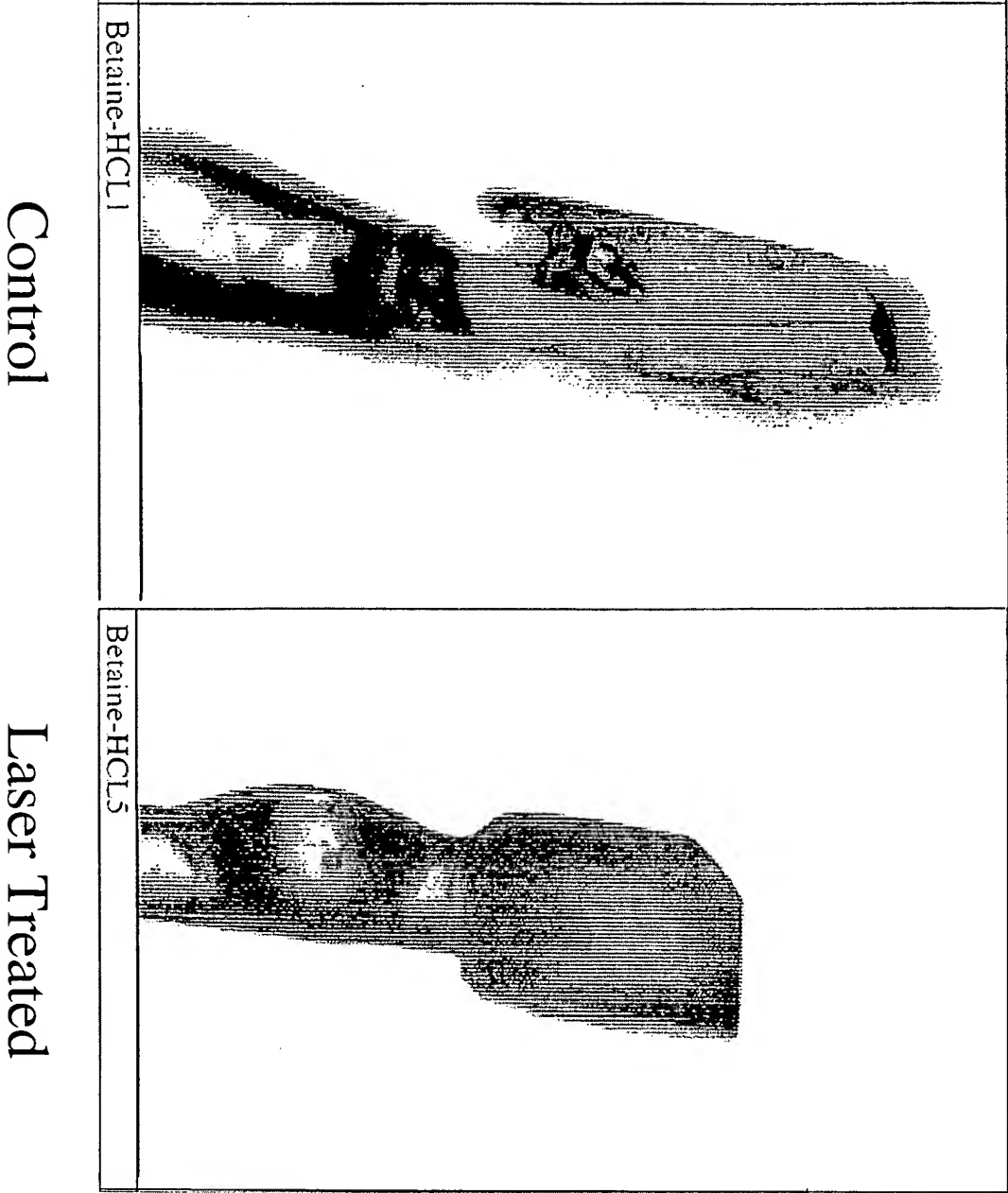
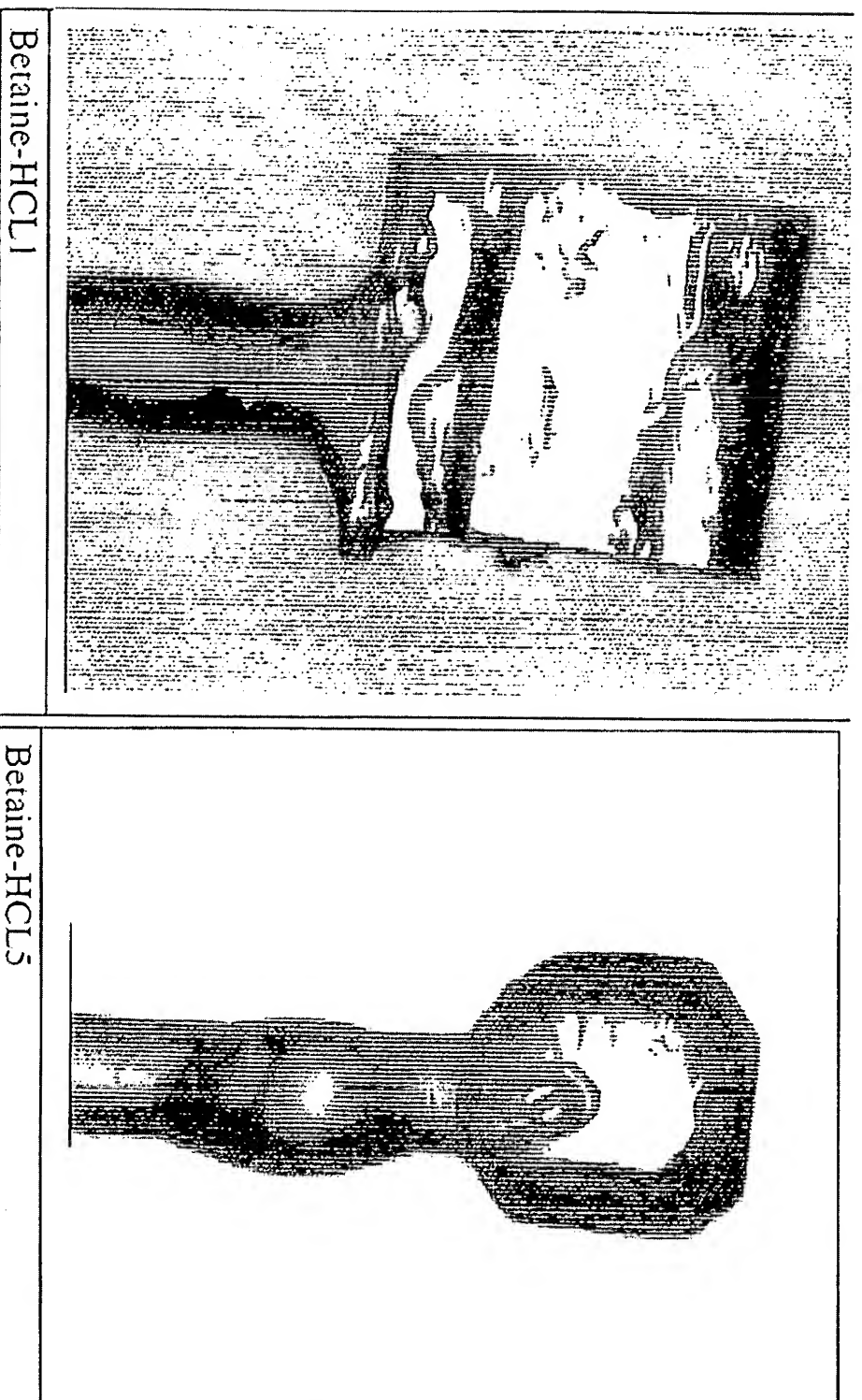


Figure 13B. Frontal Photomicrographs of Control and Laser Treated Crystals of Betaine Hydrochloride.



Control

Laser Treated

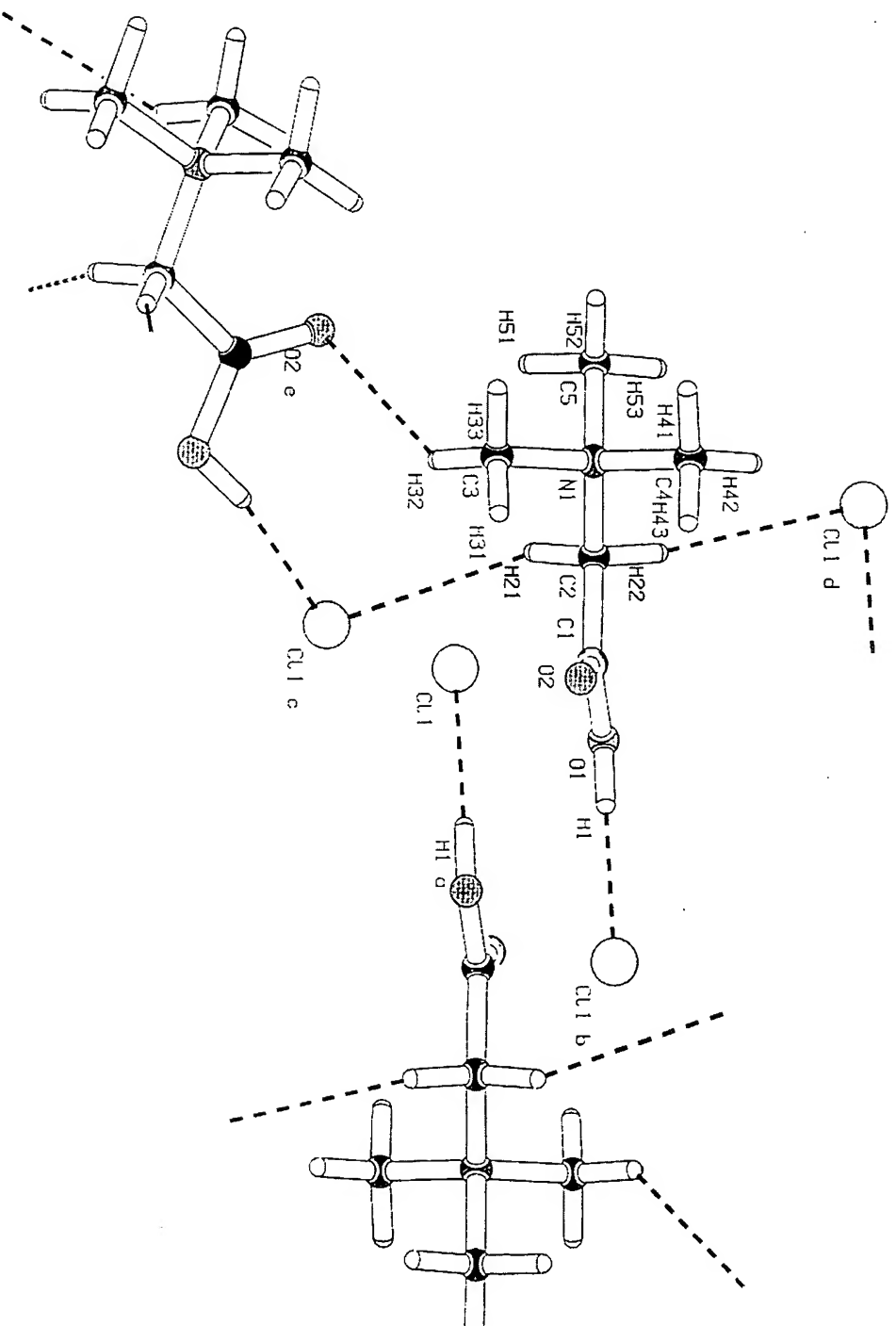


Figure 13D. Intermolecular Hydrogen Bonding Pattern for Laser Treated Crystal of Betaine Hydrochloride.

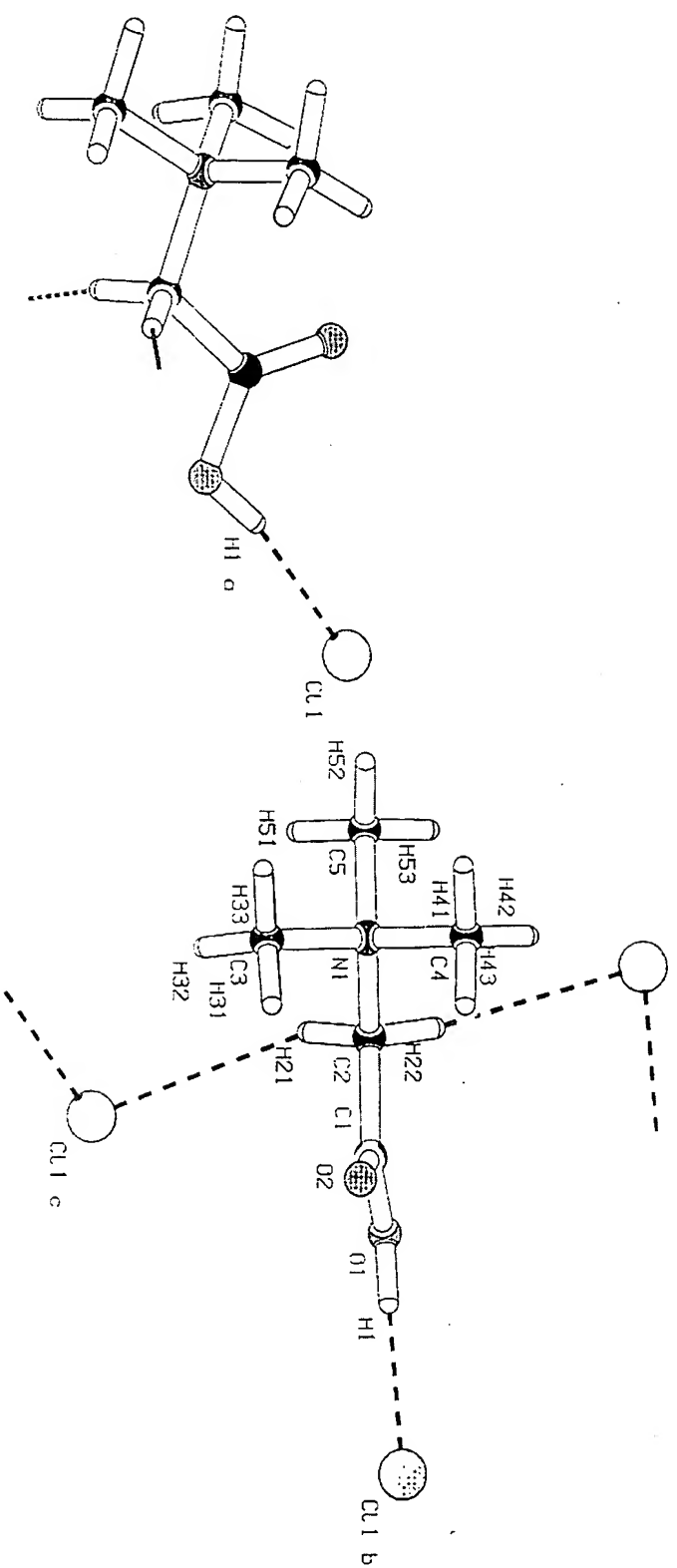


Figure 13E. X-ray Crystallographic Results for the Molecular Structure of Control Betaine Hydrochloride as Dashed Lines and for Laser Treated Betaine Hydrochloride as Solid Lines.

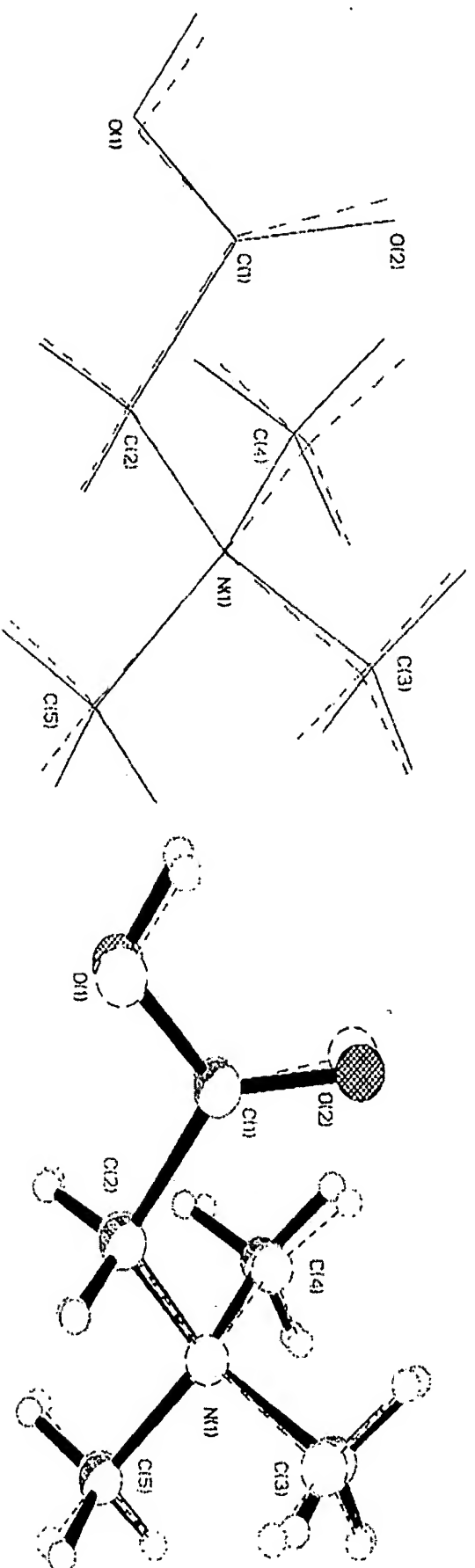


Figure 14A. Methyl Group Transfer Metabolic Pathways.

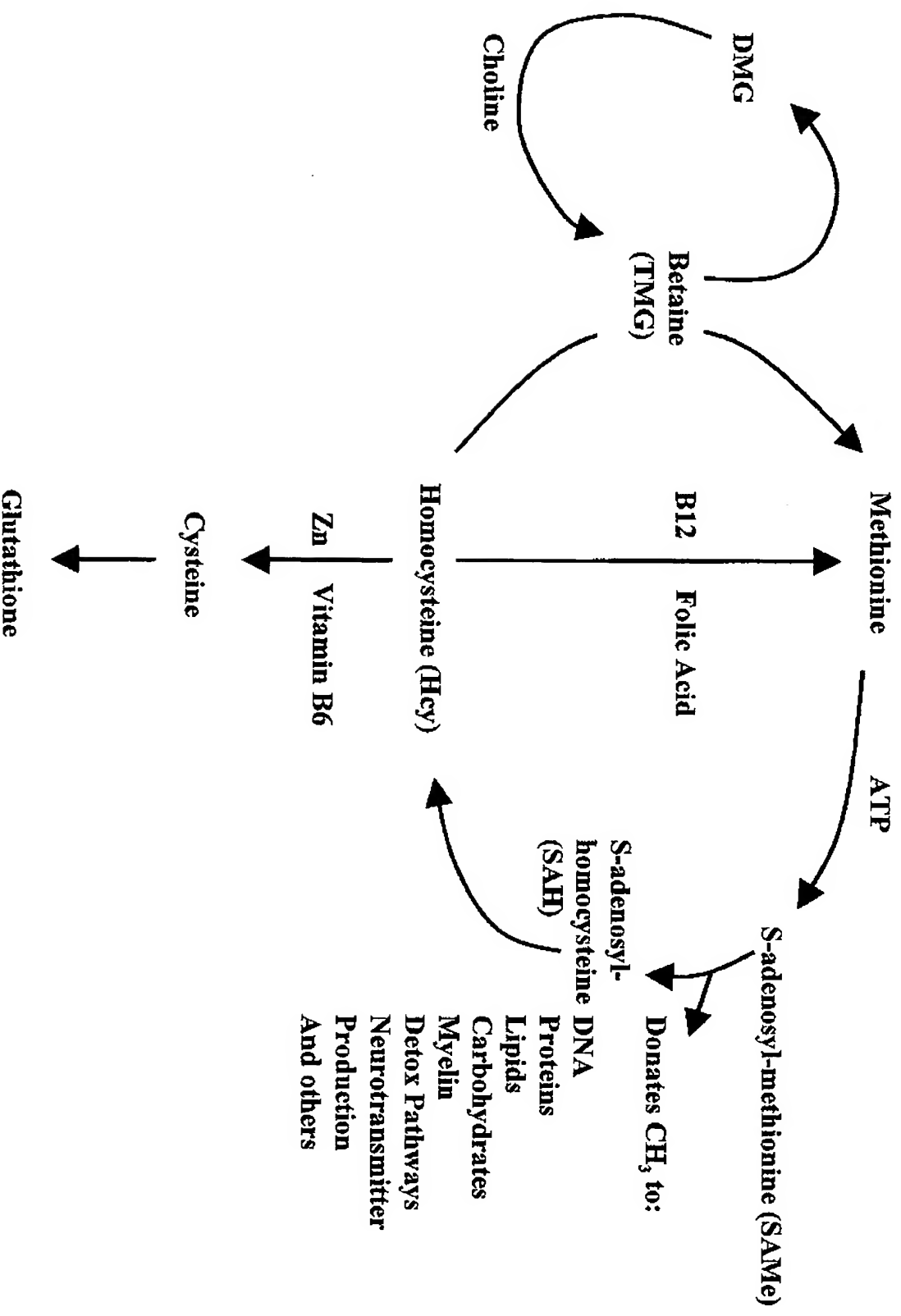
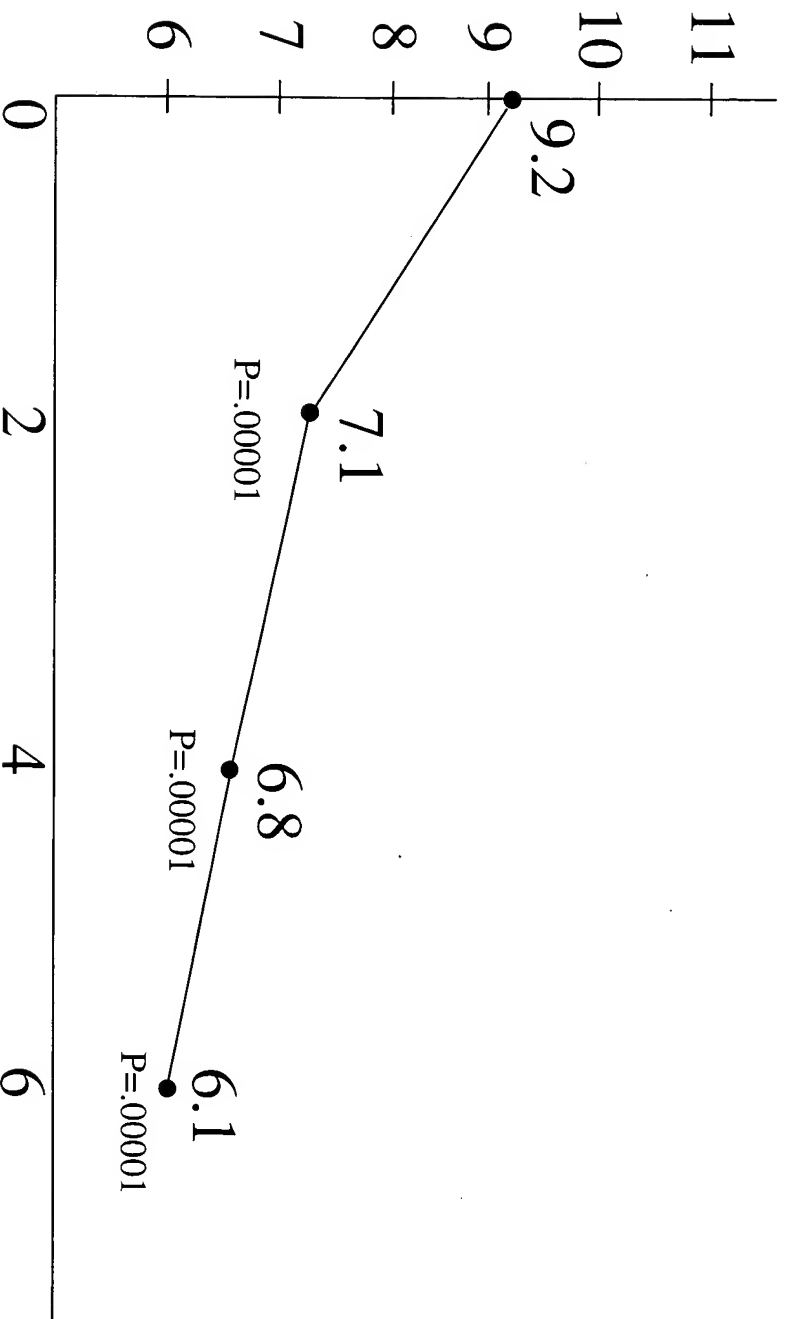
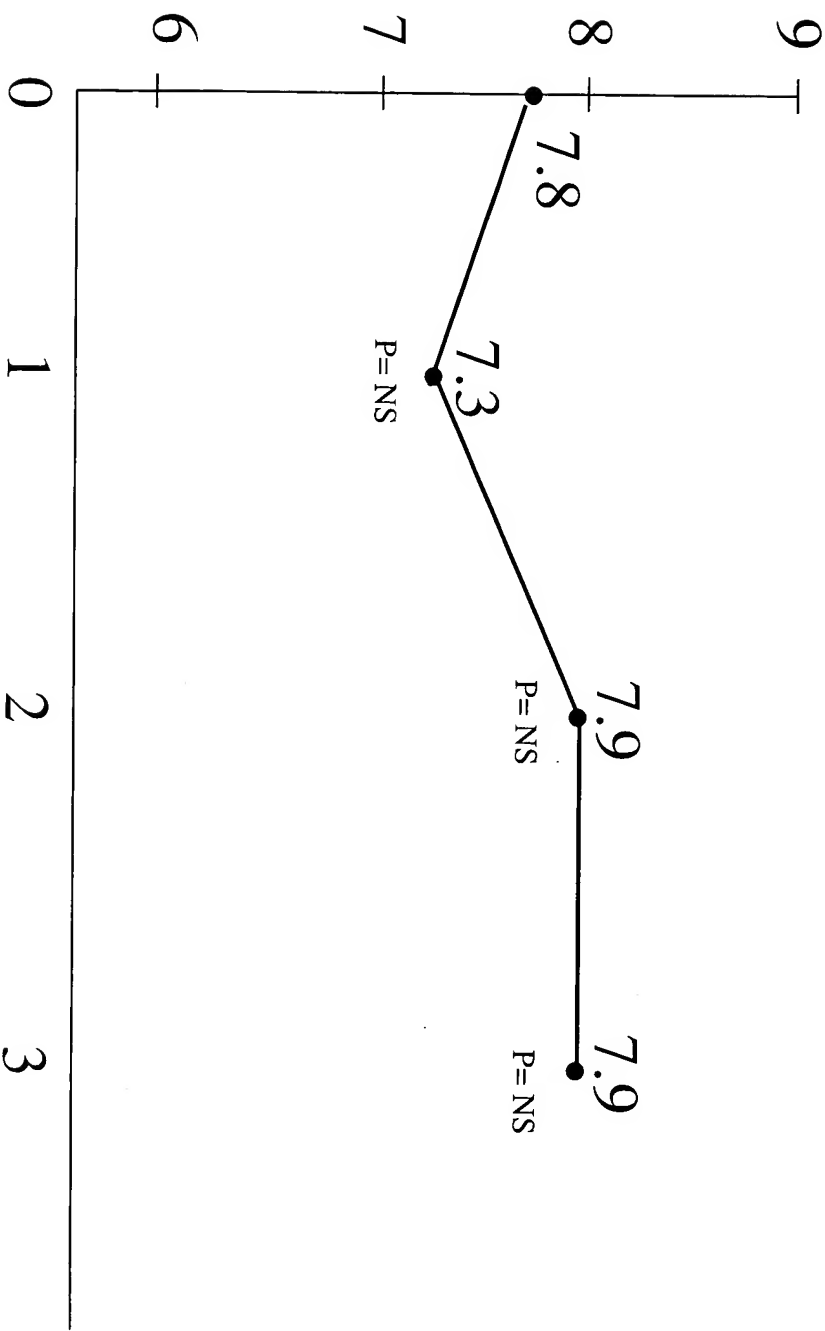


Figure 14B. Methylation Formula Study
Dose Response Curve
Homocysteine Level- Treatment Group (n=22)



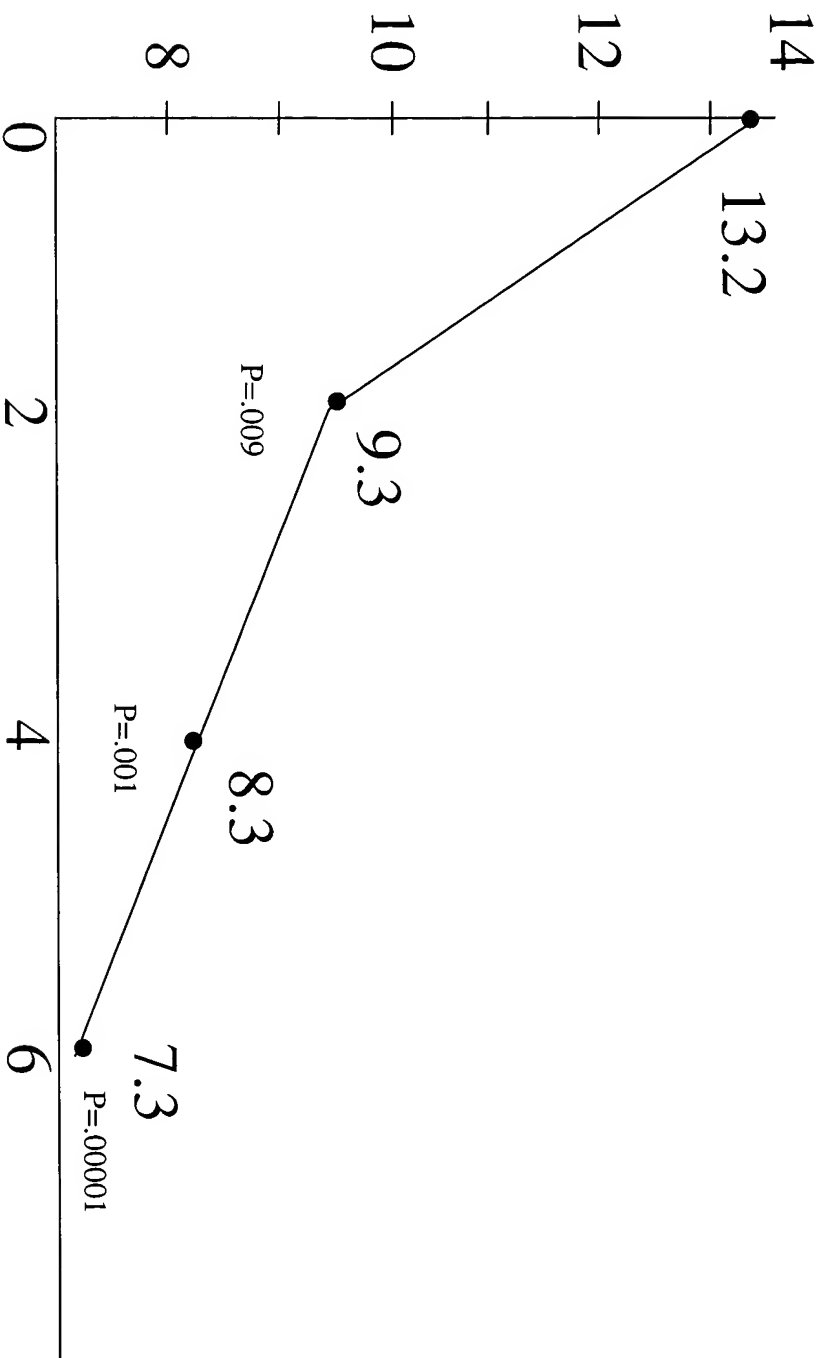
Grams of Activated Betaine Plus Cofactors

Figure 14C. Methylation Formula Study
Dose Response Curve
Homocysteine Level- Placebo Group (n=11)



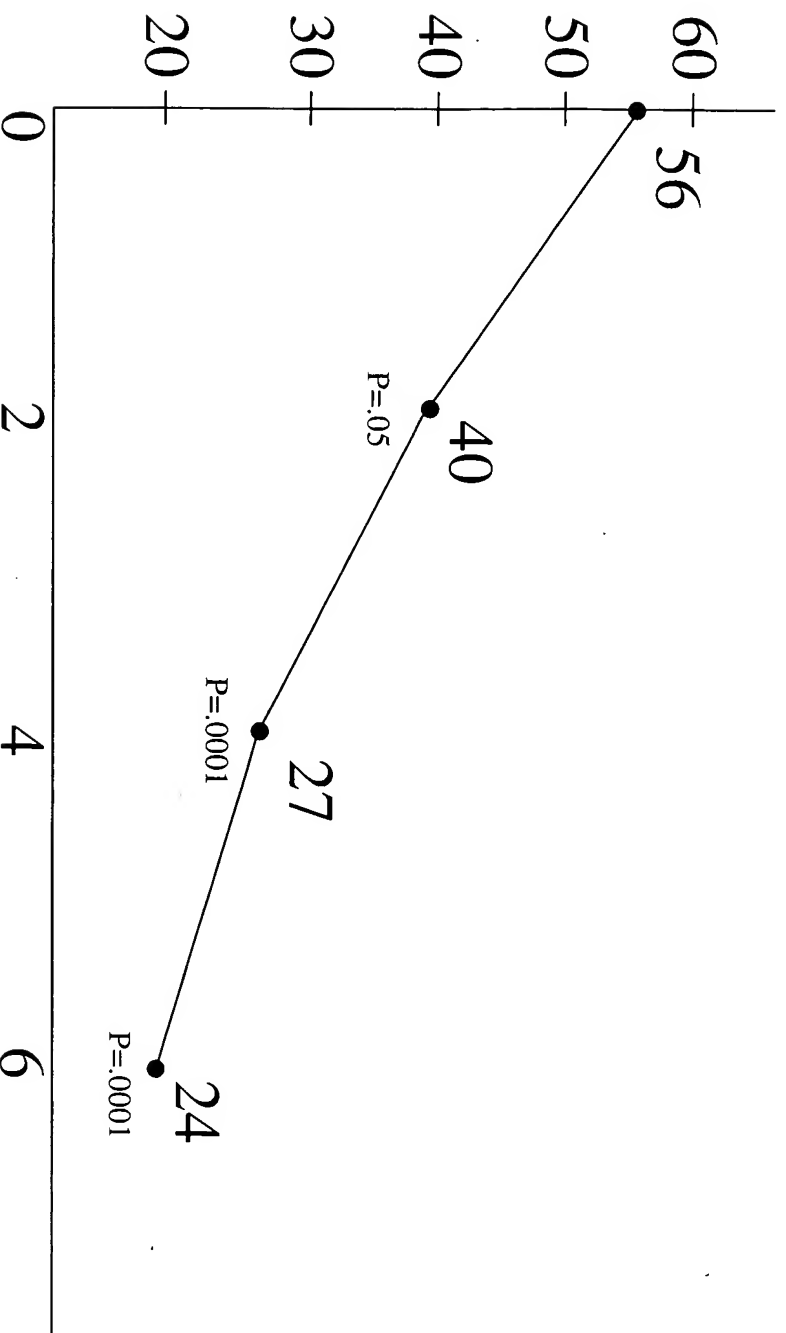
Placebo Control Group Months 0-3

Figure 14D. Methylation Formula Study
Dose Response Curve
Homocysteine Level- Treatment Group for subjects with
Baseline Homocysteine Level ≥ 10 (n=7)



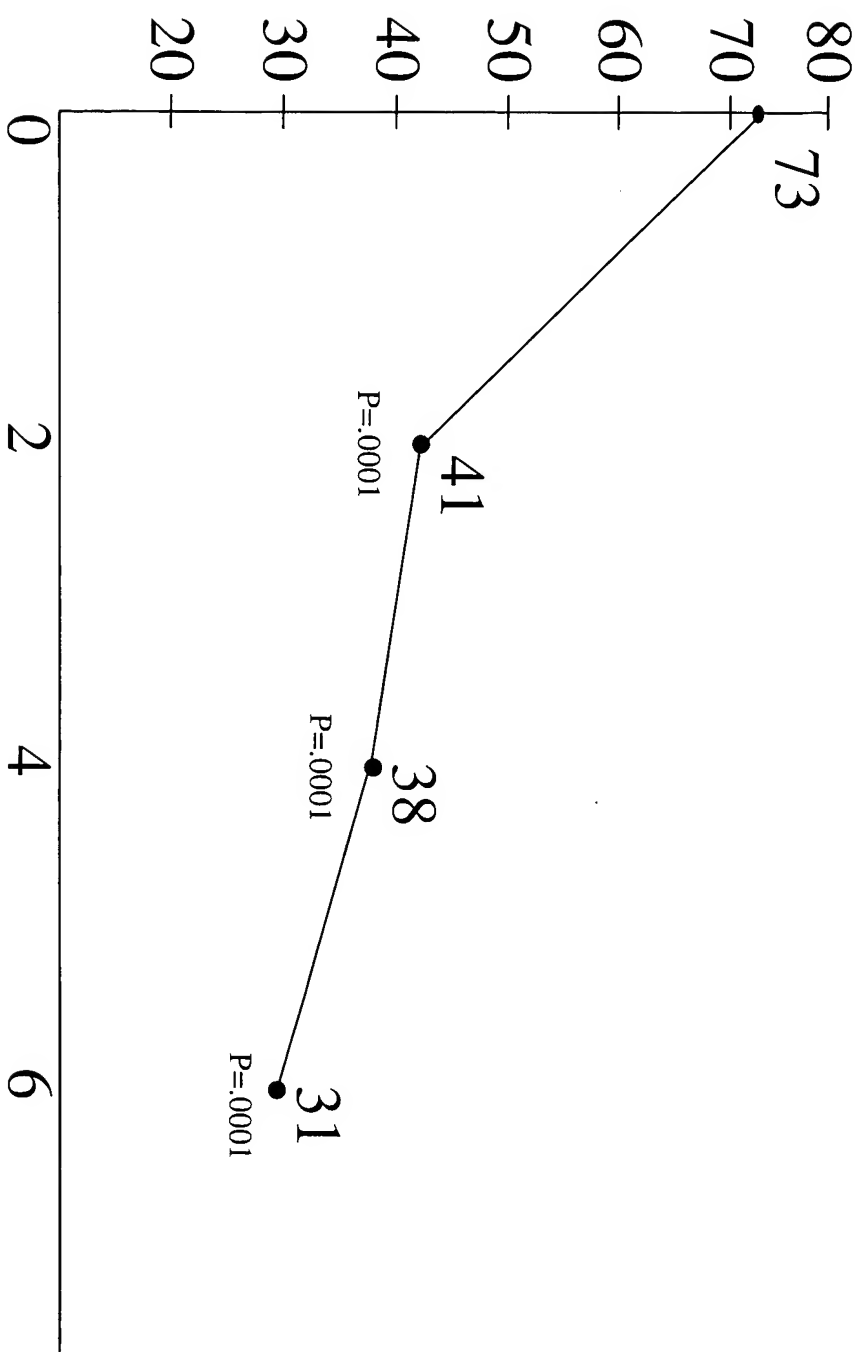
Grams of Activated Betaine Plus Cofactors

Figure 14E. Methylation Formula Study
Dose Response Curve
Anxiety scale (n=23)



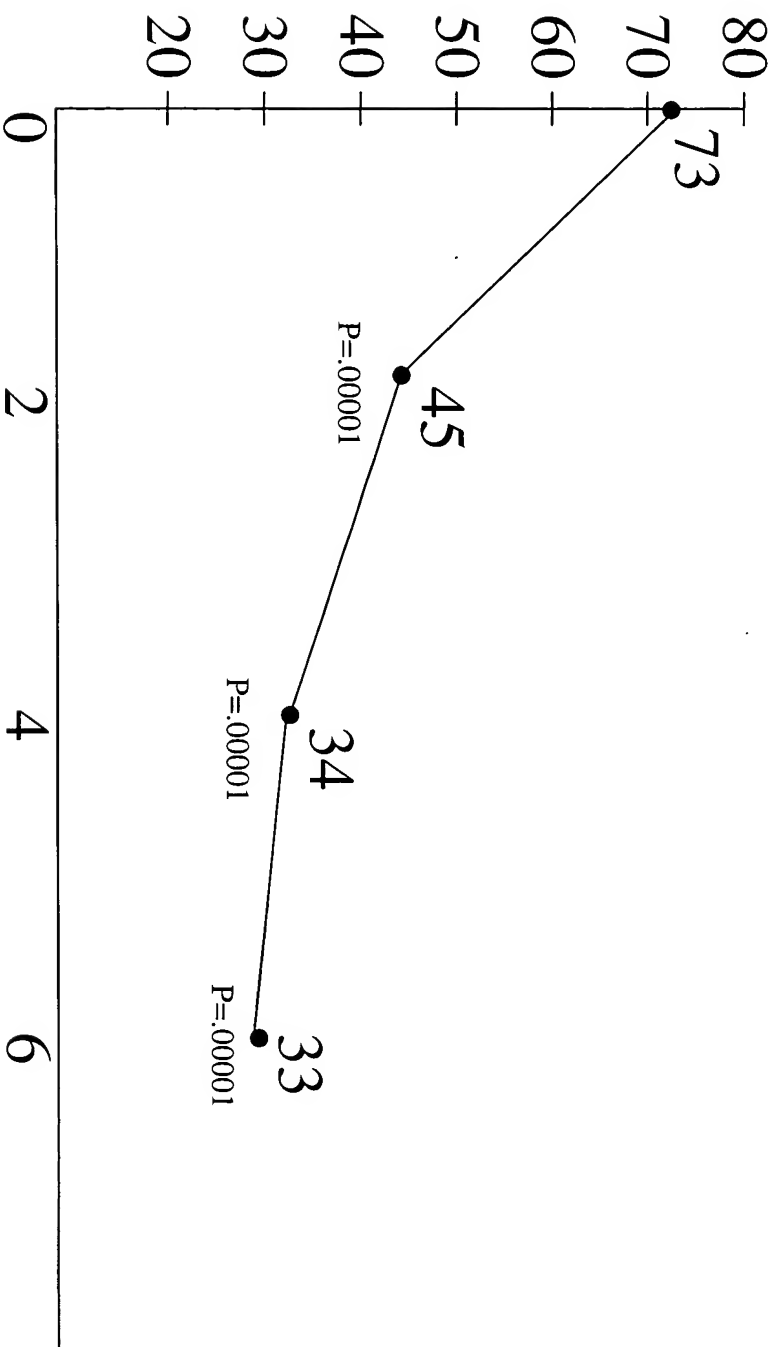
Grams of Activated Betaine Plus Cofactors

Figure 14F. Methylation Formula Study
Dose Response Curve
Somatization Scale (n=23)



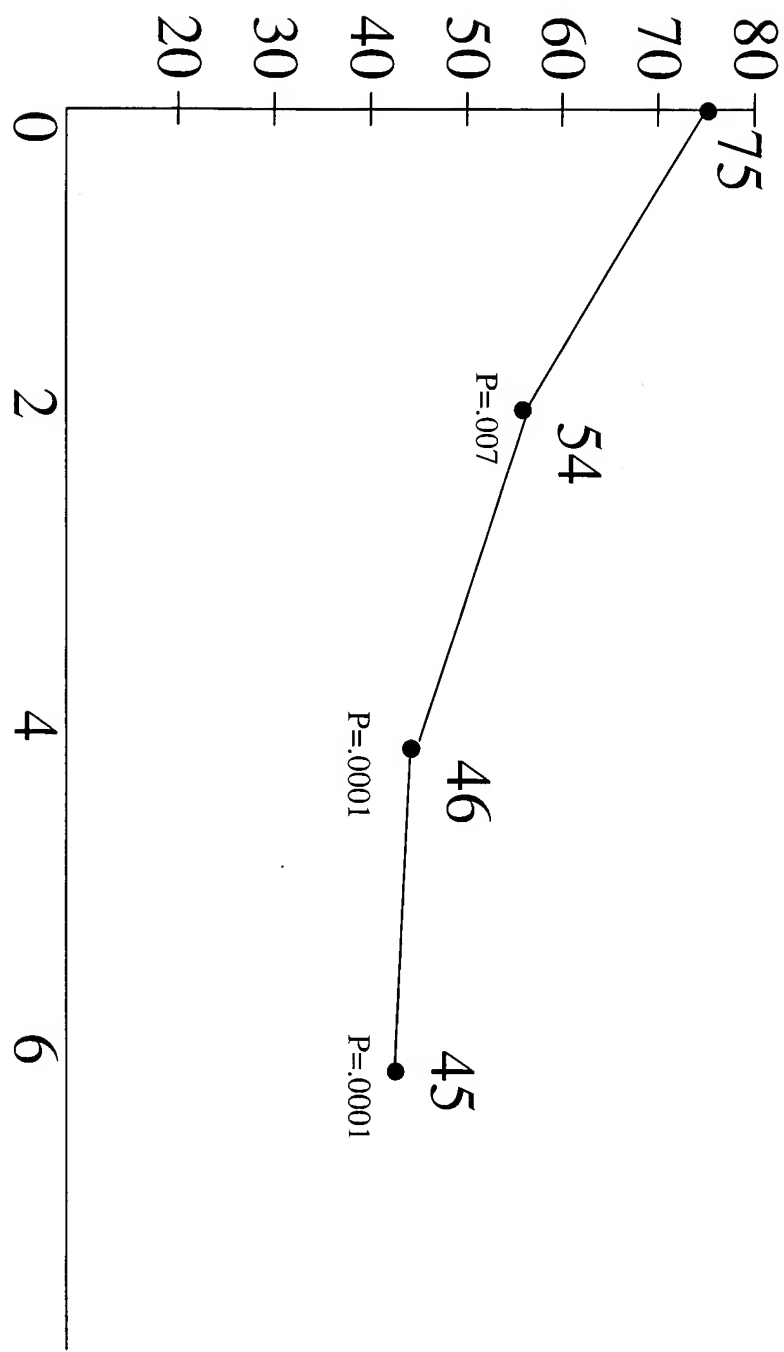
Grams of Activated Betaine Plus Cofactors

Figure 14G. Methylation Formula Study
Dose Response Curve
Obsessive Compulsive Scale (n=23)



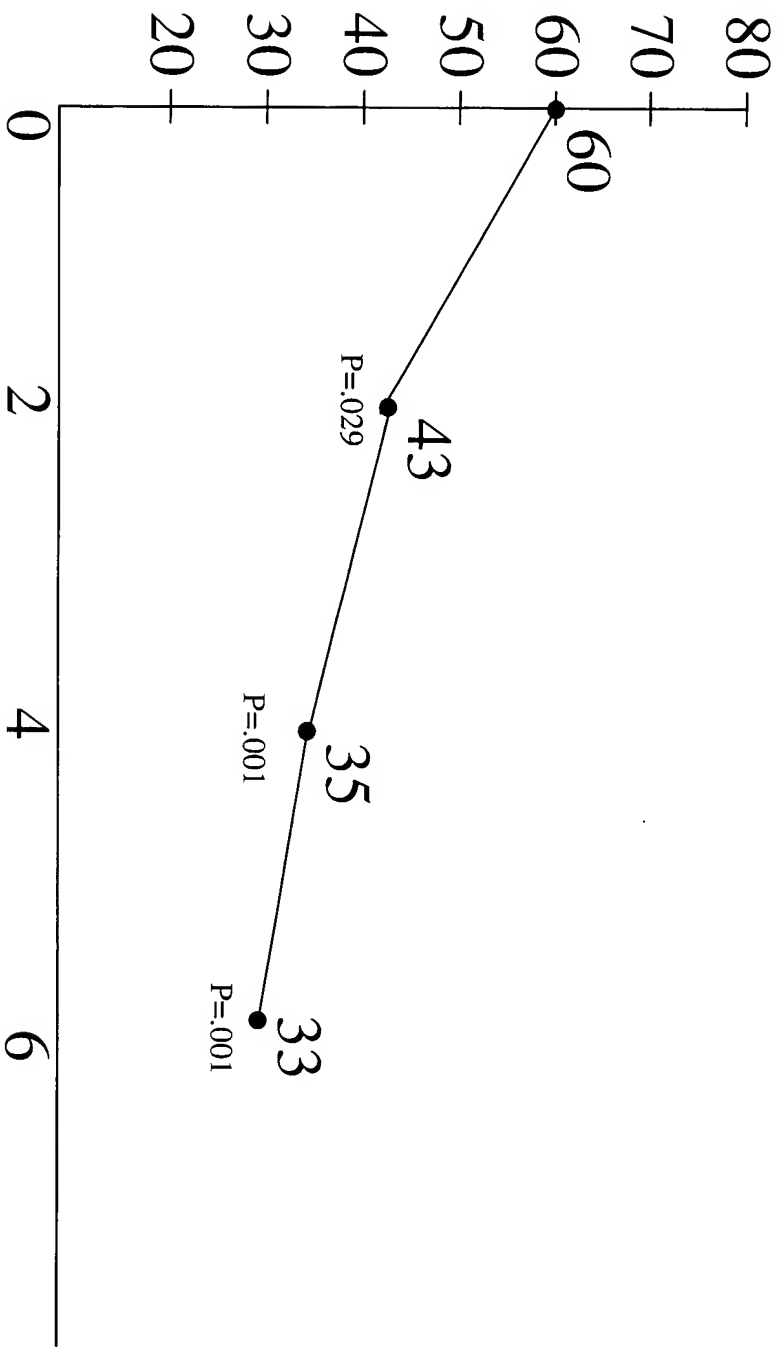
Grams of Activated Betaine Plus Cofactors

Figure 14H. Methylation Formula Study
Dose Response Curve
Depression Scale (n=25)



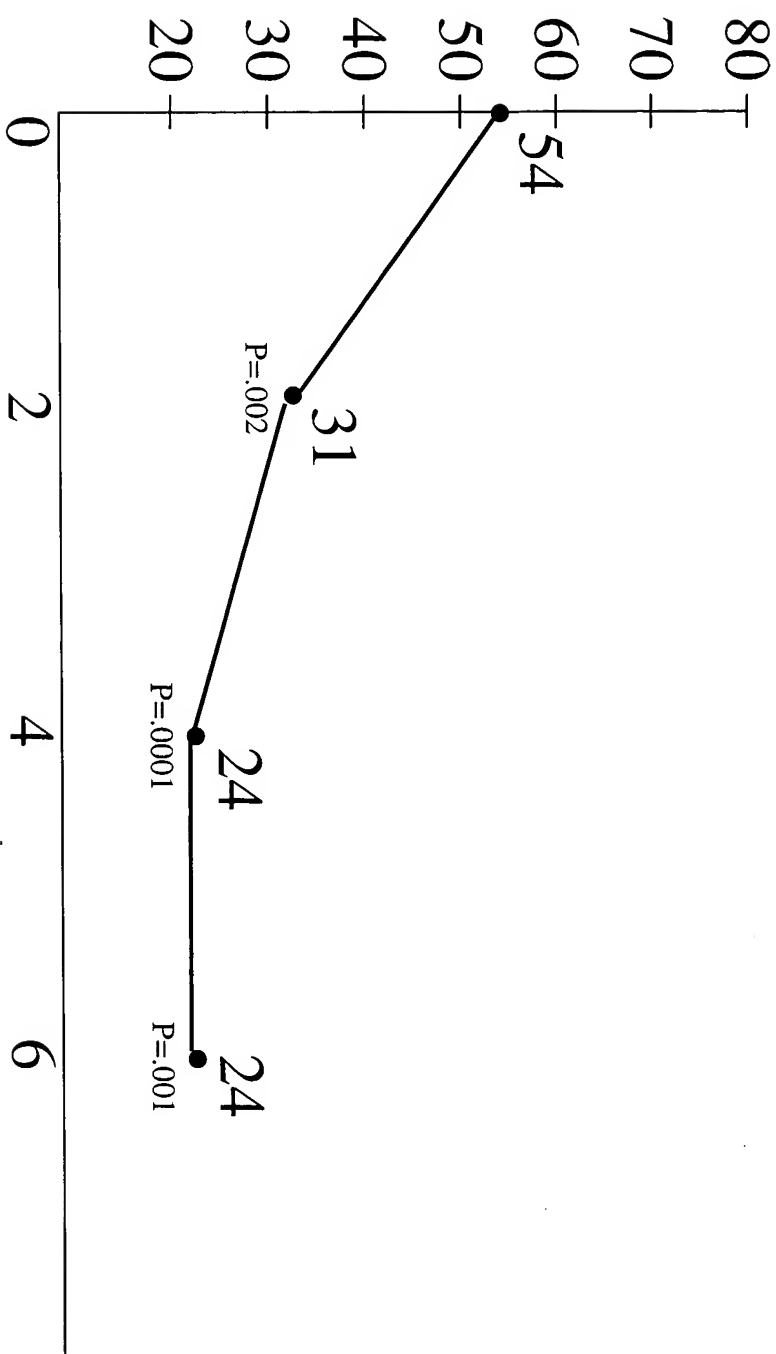
Grams of Activated Betaine Plus Cofactors

Figure 14I. Methylation Formula Study
Dose Response Curve
Paranoia Scale (n=25)



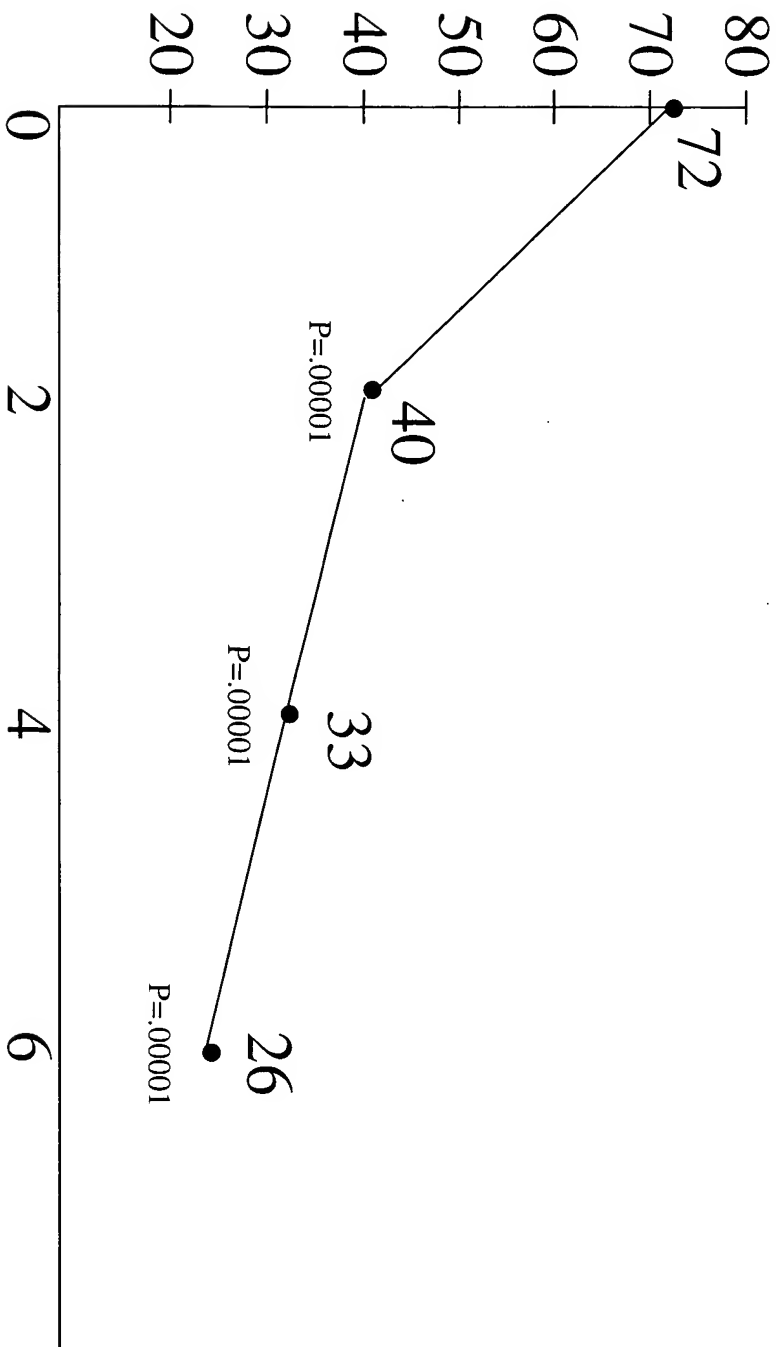
Grams of Activated Betaine Plus Cofactors

Figure 14J. Methylation Formula Study
Dose Response Curve
Hostility Scale (n=25)



Grams of Activated Betaine Plus Cofactors

Figure 14K. Methylation Formula Study
Dose Response Curve
Global Severity Index (n=25)



Grams of Activated Betaine Plus Cofactors